TSEN15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TSEN15, Polyclonal Antibody
Full Product Name	TSEN15 Antibody
Product Gene Name	anti-TSEN15 antibody
Product Synonym Names	sen15; C1orf19
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Specificity	The antibody detects endogenous levels of total TSEN15 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	13,888 Da
OMIM	608756
3D Structure	ModBase 3D Structure for Q8WW01
Immunogen	Full length fusion protein of human TSEN15
Product Categories/Family for anti-TSEN15 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TSEN15 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-TSEN15 antibody	WB: 1:200-1:1000 IHC: 1: 50-300
Related Product Information for anti-TSEN15 antibody	This gene encodes a subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from tRNA precursors. Alternative splicing results in multiple transcript variants. There is a pseudogene of this gene on chromosome 17
Other Notes	Small volumes of anti-TSEN15 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TSEN15 purchase	MBS8595196 is an antibody targeting TSEN15. Also known as TSEN15 Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TSEN15. It may not necessarily be applicable to this product.

NCBI GI #	188528677

NCBI GeneID	116461
NCBI Accession #	NP_001120866.1
UniProt Primary Accession #	Q8WW01
UniProt Secondary Accession #	Q9BZQ5; B4DKP0
UniProt Related Accession #	Q8WW01
GenBank Nucleotide #	NM_001127394.3
NCBI Official Full Name	tRNA-splicing endonuclease subunit Sen15 isoform 2
NCBI Official Synonym Full Names	TSEN15 tRNA splicing endonuclease subunit
NCBI Official Symbol	TSEN15
NCBI Official Synonym Symbols	sen15; C1orf19
UniProt Protein Name	tRNA-splicing endonuclease subunit Sen15
UniProt Synonym Protein Names	SEN15 homolog; HsSEN15; tRNA-intron endonuclease Sen15
Protein Family	tRNA-splicing endonuclease
UniProt Gene Name	TSEN15
UniProt Synonym Gene Names	C1orf19; SEN15; HsSEN15
UniProt Entry Name	SEN15_HUMAN
NCBI Protein Information	tRNA-splicing endonuclease subunit Sen15; tRNA splicing endonuclease 15 homolog; tRNA-intron endonuclease Sen15
NCBI Summary for TSEN15	This gene encodes a subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from tRNA precursors. Alternative splicing results in multiple transcript variants. There is a pseudogene of this gene on chromosome 17. [provided by RefSeq, Jul 2014]
UniProt Comments for TSEN15	TSEN15: Non-catalytic subunit of the tRNA-splicing endonuclease complex, a complex responsible for identification and cleavage of the splice sites in pre-tRNA. It cleaves pre-tRNA at the 5' and 3' splice sites to release the intron. The products are an intron and two tRNA half-molecules bearing 2',3' cyclic phosphate and 5'-OH termini. There are no conserved sequences at the splice sites, but the intron is invariably located at the same site in the gene, placing the splice sites an invariant distance from the constant structural features of the tRNA body. The tRNA splicing endonuclease is also involved in mRNA processing via its association with pre-mRNA 3' end processing factors, establishing a link between pre-tRNA splicing and pre-mRNA 3' end formation, suggesting that the endonuclease subunits function in multiple RNA-processing events. Belongs to the SEN15 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 1q25 Cellular Component: nucleolus Molecular Function: tRNA-intron endonuclease activity Biological Process: tRNA splicing; mRNA processing
Research Articles on TSEN15	**1.** A candidate SNP associated with the tRNA-splicing protein gene TSEN15 was independently associated with the risk of atrial fibrillation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/tsen15/8595196