TAF7L Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TAF7L, Blocking Peptide
Full Product Name	TAF7L Peptide - C-terminal region
Product Gene Name	TAF7L blocking peptide
Product Synonym Gene Name	CT40; FLJ23157; TAF2Q
Sequence	QIEKKEKKLH KIQNKAQRQK DLIMKVENLT LKNHFQSVLE QLELQEKQKN
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	TAF7L peptide (MBS3236458) is used for blocking the activity of TAF7L antibody (MBS3211509)
Molecular Weight	41kDa
OMIM	AF285595 mRNA
Product Categories/Family for TAF7L blocking peptide	Peptide
Applications Tested/Suitable for TAF7L blocking peptide	Western Blot (WB)
Related Product Information for TAF7L blocking peptide	This is a synthetic peptide designed for use in combination with anti-TAF7L Antibody, made Target Description: This gene is similar to a mouse gene that encodes a TATA box binding protein-associated factor, and shows testis-specific expression. The encoded protein could be a spermatogenesis-specific component of the DNA-binding general transcription factor complex TFIID. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of TAF7L blocking peptide 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 TAF7L purchase	MBS3236458 is a blocking peptide targeting TAF7L. Also known as TAF7L Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAF7L. It may not necessarily be applicable to this product.

NCBI GI #	270483795
NCBI GeneID	54457
NCBI Accession #	NP_001161946
UniProt Primary Accession #	Q5H9L4
UniProt Related Accession #	Q5H9L4
GenBank Nucleotide #	NM_001168474
NCBI Official Full Name	transcription initiation factor TFIID subunit 7-like isoform 2

NCBI Official Synonym Full Names	TATA-box binding protein associated factor 7 like
NCBI Official Symbol	TAF7L
NCBI Official Synonym Symbols	CT40; TAF2Q
UniProt Protein Name	Transcription initiation factor TFIID subunit 7-like
UniProt Synonym Protein Names	Cancer/testis antigen 40; CT40; RNA polymerase II TBP-associated factor subunit Q; TATA box-binding protein-associated factor 50 kDa; Transcription initiation factor TFIID 50 kDa subunit
Protein Family	Transcription initiation factor
UniProt Gene Name	TAF7L
UniProt Synonym Gene Names	TAF2Q; CT40
NCBI Protein Information	transcription initiation factor TFIID subunit 7-like
NCBI Summary for TAF7L	This gene is similar to a mouse gene that encodes a TATA box binding protein-associated factor, and shows testis-specific expression. The encoded protein could be a spermatogenesis-specific component of the DNA-binding general transcription factor complex TFIID. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]
UniProt Comments for TAF7L	TAF7L: Probably functions as a spermatogensis-specific component of the DNA-binding general transcription factor complex TFIID, a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. May play a role in spermatogenesis. Belongs to the TAF7 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Cancer Testis Antigen (CTA); DNA-binding Chromosomal Location of Human Ortholog: Xq22.1 Cellular Component: transcription factor TFIID complex Molecular Function: histone acetyltransferase binding; transcription coactivator activity; transcription factor binding Biological Process: regulation of transcription from RNA polymerase II promoter; transcriptional preinitiation complex assembly
Research Articles on TAF7L	**1.** these findings support a putative role of TAF7L in tumor suppression
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