TAF5-Like RNA Polymerase II P300/CBP-Associated Factor-Associated Factor 65 Kda Subunit 5l (TAF5L) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L (Taf5l), Recombinant Protein
Full Product Name	Recombinant Mouse TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L (Taf5l)
Product Gene Name	Taf5l recombinant protein
Product Synonym Gene Name	Taf5l
Sequence	MKRVRTEQVQ VAVSCYLKRR QYVDSEGPLK QGLRLSQTPE EMAANLTVQS ESGCANAVSA APCQAEPQQY EVQFGRLRSF LTDSDSQYSR EVMPLLYPLF VYLHLNLVQS GPKSTVESFY SRFHGMFLQN ASQKDVIEQL QTTQTIQDIL SNFQLRAFLD NKYVVRLQED SYNYLIRYLQ SDNNTALCKV LAVHIHLDVQ PAKRTDYQLY ASGGSSRTEN SSLEPPEVPS PILQNEAALE VLQESIKRVK DGPPSLTTIC FYAFYNTEQL LNTAEISSDS KLLAAGFDNS CIKLWSLRSK KLKSEPHHVD TSRIRLACDT LEEEENEEDN TGTEMKILRG HCGPVYSTRF LADSSGLLSC SEDMSIRYWD LGSFTNTVLY QGHAYPVWDV DISPFSLYFA SGSHDRTARL WSFDRTYPLR IYAGHLADVD CVKFHPNSNY LATGSTDKTV RLWSAQQGNS VRLFTGHRGP VLSLSFSPNG KYLASAGEDQ RLKLWDLASG TLFKELRGHT DSITSLAFSP DSGLIASASM DNSVRVWDIR STCCNTPADG SSGELVGVYT GQMSNVLSVQ FMACNLLLVT GITQENQEH
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	65,911 Da
Sequence Positions	1-589, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q91WQ5
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Taf5l recombinant protein	The product of this gene belongs to the WD-repeat TAF5 family of proteins. This gene encodes a protein that is a component of the PCAF histone acetylase complex. The PCAF histone acetylase complex, which is composed of more than 20 polypeptides some of which are TAFs, is required for myogenic transcription and differentiation. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors to facilitate complex assembly and transcription initiation. The encoded protein is structurally similar to one of the histone-like TAFs, TAF5. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
Other Notes	Small volumes of Taf5l recombinant protein 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 Taf5l purchase	MBS1311411 is a recombinant protein targeting Taf5l. Also known as Recombinant Mouse TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L (Taf5l). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Taf5l. It may not necessarily be applicable to this product.

NCBI GI #	19527184
NCBI GeneID	102162
NCBI Accession #	NP_598727.1
UniProt Primary Accession #	Q91WQ5
UniProt Secondary Accession #	Q8BTL5
UniProt Related Accession #	Q91WQ5
GenBank Nucleotide #	NM_133966.3
NCBI Official Full Name	TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L
NCBI Official Synonym Full Names	TATA-box binding protein associated factor 5 like
NCBI Official Symbol	Taf5l
NCBI Official Synonym Symbols	AI849020; 1110005N04Rik
UniProt Protein Name	TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L
UniProt Synonym Protein Names	PCAF-associated factor 65 beta; PAF65-beta
Protein Family	TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor
UniProt Gene Name	Taf5l
UniProt Synonym Gene Names	Paf65b; PAF65-beta
NCBI Protein Information	TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L
UniProt Comments for Taf5l	Functions as a component of the PCAF complex. The PCAF complex is capable of efficiently acetylating histones in a nucleosomal context. The PCAF complex could be considered as the human version of the yeast SAGA complex ().
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.
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