Transcription Termination Factor 2 (TTF2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription termination factor 2 (Ttf2), Recombinant Protein
Full Product Name	Recombinant Mouse Transcription termination factor 2 (Ttf2) , partial
Product Gene Name	Ttf2 recombinant protein
Product Synonym Gene Name	Ttf2
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	125,530 Da
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 Q5NC05
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ttf2 recombinant protein	This gene encodes a member of the SWI2 SNF2 family of proteins, which play a critical role in altering protein-DNA interactions. The encoded protein has been shown to have dsDNA-dependent ATPase activity and RNA polymerase II termination activity. This protein interacts with cell division cycle 5-like, associates with human splicing complexes, and plays a role in pre-mRNA splicing.
Other Notes	Small volumes of Ttf2 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 Ttf2 purchase	MBS1353845 is a recombinant protein targeting Ttf2. Also known as Recombinant Mouse Transcription termination factor 2 (Ttf2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ttf2. It may not necessarily be applicable to this product.

NCBI GI #	254692909
NCBI GeneID	74044
NCBI Accession #	NP_001013044.2
UniProt Primary Accession #	Q5NC05
UniProt Secondary Accession #	Q4V9Y7; Q5M924
UniProt Related Accession #	Q5NC05

GenBank Nucleotide #	NM_001013026.2
NCBI Official Full Name	transcription termination factor 2
NCBI Official Synonym Full Names	transcription termination factor, RNA polymerase II
NCBI Official Symbol	Ttf2
NCBI Official Synonym Symbols	AV218430; 8030447N19; 4632434F22Rik
UniProt Protein Name	Transcription termination factor 2
UniProt Synonym Protein Names	RNA polymerase II termination factor; Transcription release factor 2
Protein Family	Transcription termination factor
UniProt Gene Name	Ttf2
NCBI Protein Information	transcription termination factor 2
UniProt Comments for Ttf2	DsDNA-dependent ATPase which acts as a transcription termination factor by coupling ATP hydrolysis with removal of RNA polymerase II from the DNA template. May contribute to mitotic transcription repression. May also be involved in pre-mRNA splicing ().
Research Articles on Ttf2	**1.** Overexpression of TTF-2 during the palatogenesis may contribute to cleft palate.
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