General Transcription Factor IIE Subunit 2 (GTF2E2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	General transcription factor IIE subunit 2 (Gtf2e2), Recombinant Protein
Full Product Name	Recombinant Mouse General transcription factor IIE subunit 2 (Gtf2e2)
Product Gene Name	Gtf2e2 recombinant protein
Product Synonym Gene Name	Gtf2e2
Sequence	MDPSLLRDRE LFKKRALSTP VVEKRAVPSE SPSSSSSKKK KAKVEHGGSS GSKQNSDHNN GSFNLKALSG SSGYKFGVLA KIVNYMKTRH QRGDTHPLTL EEILDETQHL DIGLKQKQWL MTEALVNNPK IEVVDGKYAF KPKYNLKDKK ALLRLLDNHD QRGLGGILLE DIEEGLPNSQ KAVKALGDQI LFVSRPDKKK ILFFNDKSCQ FSVDEEFQKL WRSVTVDSMD EEKIEEYLKR QGISSMQESG PKKVASIQRR KKPASQKKRR FKTHNEHLAG VLKDYSDITP GK
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	33,047 Da
Sequence Positions	1-292, 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 Q9D902
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Gtf2e2 recombinant protein	MBS1412413 is a recombinant protein targeting Gtf2e2. Also known as Recombinant Mouse General transcription factor IIE subunit 2 (Gtf2e2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Gtf2e2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gtf2e2. It may not necessarily be applicable to this product.

NCBI GI #	268838637
NCBI GeneID	68153
NCBI Accession #	NP_001161393.1
UniProt Primary Accession #	Q9D902
UniProt Secondary Accession #	Q3U5Y7; Q8BTZ2; Q8VE14

UniProt Related Accession #	Q9D902
GenBank Nucleotide #	NM_001167921.1
NCBI Official Full Name	general transcription factor IIE subunit 2
NCBI Official Synonym Full Names	general transcription factor II E, polypeptide 2 (beta subunit)
NCBI Official Symbol	Gtf2e2
NCBI Official Synonym Symbols	34kDa; AI462509; C330006J08Rik
UniProt Protein Name	General transcription factor IIE subunit 2
UniProt Synonym Protein Names	Transcription initiation factor IIE subunit beta; TFIIE-beta
Protein Family	General transcription factor
UniProt Gene Name	Gtf2e2
UniProt Synonym Gene Names	TFIIE-beta
NCBI Protein Information	general transcription factor IIE subunit 2
UniProt Comments for Gtf2e2	Recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFIIE are required for promoter clearance by RNA polymerase ().
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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