T-Box Transcription Factor TBX1 (tbx1) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	T-box transcription factor TBX1 (tbx1), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis T-box transcription factor TBX1 (tbx1)
Product Gene Name	tbx1 recombinant protein
Product Synonym Gene Name	tbx1
Sequence	MISAISSPWL TQLSHFCDVA AFTANSLSSL NASGGYHLSP SPGDPYSQHE PHYEPCSASQ HSYSFGHACP EPESGASSSS CASSTPGSGS TGSSGSSKAP VKKNPKVANI TVQLEMKALW DEFNQLGTEM IVTKAGRRMF PTFQVKIFGM DPMADYMLLM DFVPVDDKRY RYAFHSSSWL VAGKADPATP GRVHYHPDSP AKGAQWMKQI VSFDKLKLTN NLLDDNGHII LNSMHRYQPR FHVVYVDPRK DSEKYAEENF KTFVFEETRF TAVTAYQNHR ITQLKIASNP FAKGFRDCDP EDWPRNHRPG SLPLMNAFAR SRNPVSSPPQ NGSDKDGDGR REYERDTSGT PLHGDAAHQQ LMSRVLSPSL PVPGGLVPLS TGRPSPPHEL RLDPHSQGSE PLHHHPYKYP TSYDHYLGAK TRPAPYPLPS IRGHGYHHHP MNPAAANMYS GAGAPGSYEY GPR
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	51,143 Da
Sequence Positions	1-463, 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 Q3SA49
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tbx1 recombinant protein	MBS1373663 is a recombinant protein targeting tbx1. Also known as Recombinant Xenopus tropicalis T-box transcription factor TBX1 (tbx1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tbx1 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 tbx1. It may not necessarily be applicable to this product.

NCBI GI #	78042591
NCBI GeneID	619587
NCBI Accession #	NP_001030290.1
UniProt Primary Accession #	Q3SA49

UniProt Related Accession #	Q3SA49
GenBank Nucleotide #	NM_001035118.1
NCBI Official Full Name	T-box transcription factor TBX1
NCBI Official Synonym Full Names	T-box 1
NCBI Official Symbol	tbx1
NCBI Official Synonym Symbols	dgs; tga; cafs; cthm; dgcr; dorv; vcfs; tbx1c; xtbx1; tbx1-a; tbx1-b
UniProt Protein Name	T-box transcription factor TBX1
Protein Family	T-box transcription factor
UniProt Gene Name	tbx1
UniProt Synonym Gene Names	T-box protein 1
NCBI Protein Information	T-box transcription factor TBX1
UniProt Comments for tbx1	Probable transcriptional regulator involved in developmental processes.
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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