Tigger Transposable Element-Derived Protein 1 (TIGD1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tigger transposable element-derived protein 1 (TIGD1), Recombinant Protein
Full Product Name	Recombinant Human Tigger transposable element-derived protein 1 (TIGD1)
Product Gene Name	TIGD1 recombinant protein
Product Synonym Gene Name	TIGD1
Sequence	MASKCSSERK SRTSLTLNQK LEMIKLSEEG MSKAEIGRRL GLLRQTVSQV VNAKEKFLKE VKSATPMNTR MIRKRNSLIA DMEKVLVVWI EDQTSRNIPL SQSLIQNKAL TLFNSMKAER GVEAAEEKFE ASRGWFMRFK ERSHFHNIKA QGEAASADVE AAASYPEALA KIIDEGGYTK QQIFNVDETA FYWKKMPSRT FIAREEKSVP GFKASKDRLT LLLGANAAGD FKLKPMLIYH SENPRALKNY TKSTLPVLYK WNSKARMTAH LFTAWFTEYF KPTVETYCSE KKIPFKILLL IDNAPSHPRA LMEIYEEINV IFMPANTTSI LQPMDQGVIS TFKSYYLRNT FHKALAAMDS DVSDGSGQSK LKTFWKGFTI LDAIKNIRDS WEEVKLSTLT GVWKKLIPTL IDDYEGFKTS VEEVSADVVE IAKELELEVE PEDVTELLQS HDKTLTDEEL FLMDAQRKWF LEMESTPGED AVNIVEMTTK DLEYYINLVD KAAAGFERID SNFERSSTVG KMLSNSIACY REIFHERKSQ LMRKASPMSY FRKLPQPPQP SAATTLTSQQ PSTSRQDPPP AKRVRLTEGS D
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	67,299 Da
Sequence Positions	1-591, 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.
OMIM	612972
3D Structure	ModBase 3D Structure for Q96MW7
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TIGD1 recombinant protein	This protein belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. The exact function of this gene is not known.
Other Notes	Small volumes of TIGD1 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 TIGD1 purchase	MBS1339850 is a recombinant protein targeting TIGD1. Also known as Recombinant Human Tigger transposable element-derived protein 1 (TIGD1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIGD1. It may not necessarily be applicable to this product.

NCBI GI #	22209001
NCBI GeneID	200765
NCBI Accession #	NP_663748.1
UniProt Primary Accession #	Q96MW7
UniProt Secondary Accession #	Q6P4D2; Q6PIF9
UniProt Related Accession #	Q96MW7
GenBank Nucleotide #	NM_145702.2
NCBI Official Full Name	tigger transposable element-derived protein 1
NCBI Official Synonym Full Names	tigger transposable element derived 1
NCBI Official Symbol	TIGD1
NCBI Official Synonym Symbols	EEYORE
UniProt Protein Name	Tigger transposable element-derived protein 1
Protein Family	Tigger transposable element-derived protein
UniProt Gene Name	TIGD1
NCBI Protein Information	tigger transposable element-derived protein 1
NCBI Summary for TIGD1	The protein encoded by this gene belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. The exact function of this gene is not known. [provided by RefSeq, Jul 2008]
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