T-Cell Defective Protein 2 (tcl-2) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	T-cell defective protein 2 (tcl-2), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans T-cell defective protein 2 (tcl-2)
Product Gene Name	tcl-2 recombinant protein
Product Synonym Gene Name	tcl-2
Sequence	MFSPDTNSEF YDDFYTKYNT NMAPTTSTFN AQPRLSLDSG LGLTNDSFYS TDLNETHLMD ISAGNASTSF QSQPPPQLES SPPTKWARIR TPPNRKKKIS HEGPNQEALP PGFNLFSPPS RKKIKTAFSS PPPKSMKTPD SLRKSIRISS PSPFKVTFSK TPLKLSNNEN VTGIHIGRSG TYYNKQVTGS ASKRCLLPSK PDGFTFLGSP GNSDVLDFPL QTTFEGFGDL DTPAKINAAL EVNNDDSMDY YQYAGMIETS SSLATYTNST GPLVENHARN LKSVPISRTA SRNLMKISRK SVEEPVPEPQ AVHVEPVIEK PTKISAKKEK EQKKSAAKEA ALKEAKEKEM RIWKLAPFET PKKEVPLYSG RWLVISTGRT LAQQELFSDA KSFFKANPPP APRAPQAPEL ASGPRRIPTI QRVTLFKHRY RSPRD
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	48,289 Da
Sequence Positions	1-435, Full length
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 Q9N428
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tcl-2 recombinant protein	MBS1312462 is a recombinant protein targeting tcl-2. Also known as Recombinant Caenorhabditis elegans T-cell defective protein 2 (tcl-2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tcl-2 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 tcl-2. It may not necessarily be applicable to this product.

NCBI GI #	25148128
NCBI GeneID	176832
NCBI Accession #	NP_499875.2
UniProt Primary Accession #	Q9N428

UniProt Related Accession #	Q9N428
GenBank Nucleotide #	NM_067474.5
NCBI Official Full Name	T-cell defective protein 2
NCBI Official Symbol	tcl-2
UniProt Protein Name	T-cell defective protein 2
Protein Family	T-cell defective protein
UniProt Gene Name	tcl-2
NCBI Protein Information	T Cell Lineage defect; T-cell defective protein 2
UniProt Comments for tcl-2	May act synergistically with the Wnt pathways to control T-cell fate specification, gonad development, and P12 cell fate specification. Required for the distribution of pop-1 and tlp-1 proteins.
Research Articles on tcl-2	**1.** Functions with Wnt pathways to control T cell fate specification, gonad development, and P12 cell fate specification.
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