Transcription Factor 19 (TCF19) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription factor 19 (TCF19), Recombinant Protein
Full Product Name	Recombinant Human Transcription factor 19 (TCF19)
Product Gene Name	TCF19 recombinant protein
Product Synonym Gene Name	TCF19
Sequence	MLPCFQLLRI GGGRGGDLYT FHPPAGAGCT YRLGHRADLC DVALRPQQEP GLISGIHAEL HAEPRGDDWR VSLEDHSSQG TLVNNVRLPR GHRLELSDGD LLTFGPEGPP GTSPSEFYFM FQQVRVKPQD FAAITIPRSR GEARVGAGFR PMLPSQGAPQ RPLSTFSPAP KATLILNSIG SLSKLRPQPL TFSPSWGGPK SLPVPAPPGE MGTTPSAPPQ RNRRKSVHRV LAELDDESEP PENPPPVLME PRKKLRVDKA PLTPTGNRRG RPRKYPVSAP MAPPAVGGGE PCAAPCCCLP QEETVAWVQC DGCDVWFHVA CVGCSIQAAR EADFRCPGCR AGIQT
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	37,184 Da
Sequence Positions	1-345, 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	600912
3D Structure	ModBase 3D Structure for Q9Y242
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TCF19 recombinant protein	MBS1475670 is a recombinant protein targeting TCF19. Also known as Recombinant Human Transcription factor 19 (TCF19). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TCF19 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 TCF19. It may not necessarily be applicable to this product.

NCBI GI #	117414152
NCBI GeneID	6941
NCBI Accession #	NP_001070979.1
UniProt Primary Accession #	Q9Y242

UniProt Secondary Accession #	Q0EFA8; Q13176; Q15967; Q5SQ89; Q5STD6; Q5STF5; Q9BUM2; Q9UBH7; A6NCT8; B0UY11
UniProt Related Accession #	Q9Y242
GenBank Nucleotide #	NM_001077511.1
NCBI Official Full Name	transcription factor 19
NCBI Official Synonym Full Names	transcription factor 19
NCBI Official Symbol	TCF19
NCBI Official Synonym Symbols	SC1; TCF-19
UniProt Protein Name	Transcription factor 19
UniProt Synonym Protein Names	Transcription factor SC1
Protein Family	Transcription factor
UniProt Gene Name	TCF19
UniProt Synonym Gene Names	SC1; TCF-19
NCBI Protein Information	transcription factor 19
NCBI Summary for TCF19	This gene encodes a protein that contains a PHD-type zinc finger domain and likely functions as a transcription factor. The encoded protein plays a role proliferation and apoptosis of pancreatic beta cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
UniProt Comments for TCF19	Potential trans-activating factor that could play an important role in the transcription of genes required for the later stages of cell cycle progression.
Research Articles on TCF19	**1.** Data suggest TCF19 interacts with histone 3 lysine 4 trimethylation through its plant homeodomain finger; TCF19 expression appears to regulate gluconeogenesis in hepatocytes; TCF19 interacts with CHD4 causing NuRD complex recruitment to gene promoters of enzymes involved in gluconeogenesis. (TCF19 = transcription factor 19; CHD4 = chromodomain helicase DNA binding protein 4; NuRD = nucleosome-remodeling-deacetylase)
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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