Transcription Factor ETV7 (ETV7) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription factor ETV7 (ETV7), Recombinant Protein
Full Product Name	Recombinant Human Transcription factor ETV7 (ETV7)
Product Gene Name	ETV7 recombinant protein
Product Synonym Gene Name	ETV7
Sequence	MQEGELAISP ISPVAAMPPL GTHVQARCEA QINLLGEGGI CKLPGRLRIQ PALWSREDVL HWLRWAEQEY SLPCTAEHGF EMNGRALCIL TKDDFRHRAP SSGDVLYELL QYIKTQRRAL VCGPFFGGIF RLKTPTQHSP VPPEEVTGPS QMDTRRGHLL QPPDPGLTSN FGHLDDPGLA RWTPGKEESL NLCHCAELGC RTQGVCSFPA MPQAPIDGRI ADCRLLWDYV YQLLLDTRYE PYIKWEDKDA KIFRVVDPNG LARLWGNHKN RVNMTYEKMS RALRHYYKLN IIKKEPGQKL LFRFLKTPGK MVQDKHSHLE PLESQEQDRI EFKDKRPEIS P
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	22,186 Da
Sequence Positions	1-341, 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	605255
3D Structure	ModBase 3D Structure for Q9Y603
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ETV7 recombinant protein	MBS1317332 is a recombinant protein targeting ETV7. Also known as Recombinant Human Transcription factor ETV7 (ETV7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ETV7 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 ETV7. It may not necessarily be applicable to this product.

NCBI GI #	333470735
NCBI GeneID	51513
NCBI Accession #	NP_001193964.1
UniProt Primary Accession #	Q9Y603

UniProt Secondary Accession #	Q5R3L3; Q5R3L4; Q9NZ65; Q9NZ66; Q9NZ68; Q9NZR8; Q9UNJ7; Q9Y5K4; B3KVC2; B4DVB6; B4E1G4
UniProt Related Accession #	Q9Y603
GenBank Nucleotide #	NM_001207035.1
NCBI Official Full Name	transcription factor ETV7 isoform 2
NCBI Official Synonym Full Names	ETS variant 7
NCBI Official Symbol	ETV7
NCBI Official Synonym Symbols	TEL2; TELB; TEL-2
UniProt Protein Name	Transcription factor ETV7
UniProt Synonym Protein Names	ETS translocation variant 7; ETS-related protein Tel2; Tel-related Ets factor; Transcription factor Tel-2
Protein Family	Transcription factor
UniProt Gene Name	ETV7
UniProt Synonym Gene Names	TEL2; TELB; TREF
NCBI Protein Information	transcription factor ETV7
NCBI Summary for ETV7	The protein encoded by this gene belongs to the ETS family of transcription factors, which is a large group of evolutionarily conserved transcriptional regulators that play an important role in a variety of cellular processes throughout development and differentiation, and are involved in oncogenesis as well. This protein is predominantly expressed in hematopoietic tissues. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene (PMID:11108721).[provided by RefSeq, May 2011]
UniProt Comments for ETV7	Transcriptional repressor; binds to the DNA sequence 5'-CCGGAAGT-3'. Isoform A does not seem to have a repressor activity. Isoform C does not seem to have a repressor activity.
Research Articles on ETV7	**1.** LTF (lactotransferrin/lactoferrin), and ETV7 (Ets variant 7) were mainly related with cell apoptosis and immune responses.
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