CWF19-Like Protein 1 (CWF19L1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	CWF19-like protein 1 (CWF19L1), Recombinant Protein
Full Product Name	Recombinant Human CWF19-like protein 1 (CWF19L1)
Product Gene Name	CWF19L1 recombinant protein
Product Synonym Gene Name	CWF19L1
Sequence	MAQKPLRLLA CGDVEGKFDI LFNRVQAIQK KSGNFDLLLC VGNFFGSTQD AEWEEYKTGI KKAPIQTYVL GANNQETVKY FQDADGCELA ENITYLGRKG IFTGSSGLQI VYLSGTESLN EPVPGYSFSP KDVSSLRMML CTTSQFKGVD ILLTSPWPKC VGNFGNSSGE VDTKKCGSAL VSSLATGLKP RYHFAALEKT YYERLPYRNH IILQENAQHA TRFIALANVG NPEKKKYLYA FSIVPMKLMD AAELVKQPPD VTENPYRKSG QEASIGKQIL APVEESACQF FFDLNEKQGR KRSSTGRDSK SSPHPKQPRK PPQPPGPCWF CLASPEVEKH LVVNIGTHCY LALAKGGLSD DHVLILPIGH YQSVVELSAE VVEEVEKYKA TLRRFFKSRG KWCVVFERNY KSHHLQLQVI PVPISCSTTD DIKDAFITQA QEQQIELLEI PEHSDIKQIA QPGAAYFYVE LDTGEKLFHR IKKNFPLQFG REVLASEAIL NVPDKSDWRQ CQISKEDEET LARRFRKDFE PYDFTLDD
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	45,537 Da
Sequence Positions	1-538, 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	616120
3D Structure	ModBase 3D Structure for Q69YN2
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CWF19L1 recombinant protein	MBS1332012 is a recombinant protein targeting CWF19L1. Also known as Recombinant Human CWF19-like protein 1 (CWF19L1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CWF19L1 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 CWF19L1. It may not necessarily be applicable to this product.

NCBI GI #	741866092

NCBI GeneID	55280
NCBI Accession #	NP_001290333.1
UniProt Primary Accession #	Q69YN2
UniProt Secondary Accession #	Q5W0I3; Q96HC3; Q9H865; Q9NV13; B4DHX1; D3DR66
UniProt Related Accession #	Q69YN2
GenBank Nucleotide #	NM_001303404.1
NCBI Official Full Name	CWF19-like protein 1 isoform 2
NCBI Official Synonym Full Names	CWF19 like 1, cell cycle control (S. pombe)
NCBI Official Symbol	CWF19L1
NCBI Official Synonym Symbols	C19L1; hDrn1; SCAR17
UniProt Protein Name	CWF19-like protein 1
Protein Family	CWF19-like protein
UniProt Gene Name	CWF19L1
UniProt Synonym Gene Names	C19L1
NCBI Protein Information	CWF19-like protein 1
NCBI Summary for CWF19L1	This gene encodes a member of the CWF19 protein family. Mutations in this gene have been associated with autosomal recessive spinocerebellar ataxia-17 and mild cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]
Research Articles on CWF19L1	**1.** Our report corroborates that loss-of-function mutations in CWF19Ll lead to early onset cerebellar ataxia and (progressive) cerebellar atrophy.
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