DDB1- and CUL4-Associated Factor 12-Like Protein 2 (DCAF12L2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	DDB1- and CUL4-associated factor 12-like protein 2 (DCAF12L2), Recombinant Protein
Full Product Name	Recombinant Human DDB1- and CUL4-associated factor 12-like protein 2 (DCAF12L2)
Product Gene Name	DCAF12L2 recombinant protein
Product Synonym Gene Name	DCAF12L2
Sequence	MAQQQTGSRK RKAPAVEAGA GSSSSQGLAA ADGEGPLLPK KQKRPATRRR LVHYLKGREV GARGPAGLQG FEGELRGYAV QRLPELLTER QLDLGTLNKV FASQWLNARQ VVCGTKCNTL FVVDVQSGHI TRIPLMRDKE AGLAQAHQGC GIHAIELNPS KTLLATGGEN PNSLAIYQLP TLDPLCLGDR HGHKDWIFAV AWLSDTVAVS GSRDGTVALW RMDPDMFNGS IAWHSEVGLP VYAHIRPRDV EAIPRASTNP SNRKVRALAF SGKNQELGAV SLDGYFHLWK ARSTLSRLLS IRLPYCRENV CLTYCDELSL YAVGSQSHVS FLDPRQRQQN IRPLCSREGG TGVRSLSFYQ HIITVGTGHG SLLFYDIRAQ KFLEERASSS LDSMPGPAGR KLKLACGRGW LNQDDVWVNY FGGMGEFPNA LYTHCYNWPE MKLFVAGGPL PSGLHGNYAG LWS
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	50,803 Da
Sequence Positions	1-463, 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.
3D Structure	ModBase 3D Structure for Q5VW00
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DCAF12L2 recombinant protein	MBS1477230 is a recombinant protein targeting DCAF12L2. Also known as Recombinant Human DDB1- and CUL4-associated factor 12-like protein 2 (DCAF12L2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DCAF12L2 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 DCAF12L2. It may not necessarily be applicable to this product.

NCBI GI #	61966713
NCBI GeneID	340578

NCBI Accession #	NP_001013650.1
UniProt Primary Accession #	Q5VW00
UniProt Secondary Accession #	B2RN42
UniProt Related Accession #	Q5VW00
GenBank Nucleotide #	NM_001013628.2
NCBI Official Full Name	DDB1- and CUL4-associated factor 12-like protein 2
NCBI Official Synonym Full Names	DDB1 and CUL4 associated factor 12 like 2
NCBI Official Symbol	DCAF12L2
NCBI Official Synonym Symbols	WDR40C
UniProt Protein Name	DDB1- and CUL4-associated factor 12-like protein 2
UniProt Synonym Protein Names	WD repeat-containing protein 40C
Protein Family	DDB1- and CUL4-associated factor 12-like protein
UniProt Gene Name	DCAF12L2
UniProt Synonym Gene Names	WDR40C
NCBI Protein Information	DDB1- and CUL4-associated factor 12-like protein 2
NCBI Summary for DCAF12L2	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by Gly-His and Trp-Asp (GH-WD), which may facilitate formation of heterotrimeric or multi-protein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene appears to represent an intronless retrocopy of a related multi-exon gene located on chromosome 9. However, the CDS of this intronless gene remains intact, it is conserved in other mammalian species, it is known to be transcribed, and it is therefore thought to encode a functional protein. [provided by RefSeq, May 2010]
UniProt Comments for DCAF12L2	Enzyme and pathway databasesSignaLink: a signaling pathway resource with multi-layered regulatory networksMore...SignaLinkiQ5VW00.
Research Articles on DCAF12L2	**1.** Functionally characterizes other DDB1- and CUL4-associated factors, including the DCAF12 factor which most closely resembles the product of this gene.
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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