DDB1- and CUL4-Associated Factor 12 (DCAF12) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	DDB1- and CUL4-associated factor 12 (DCAF12), Recombinant Protein
Full Product Name	Recombinant Human DDB1- and CUL4-associated factor 12 (DCAF12)
Product Gene Name	DCAF12 recombinant protein
Product Synonym Gene Name	DCAF12
Sequence	MARKVVSRKR KAPASPGAGS DAQGPQFGWD HSLHKRKRLP PVKRSLVYYL KNREVRLQNE TSYSRVLHGY AAQQLPSLLK EREFHLGTLN KVFASQWLNH RQVVCGTKCN TLFVVDVQTS QITKIPILKD REPGGVTQQG CGIHAIELNP SRTLLATGGD NPNSLAIYRL PTLDPVCVGD DGHKDWIFSI AWISDTMAVS GSRDGSMGLW EVTDDVLTKS DARHNVSRVP VYAHITHKAL KDIPKEDTNP DNCKVRALAF NNKNKELGAV SLDGYFHLWK AENTLSKLLS TKLPYCRENV CLAYGSEWSV YAVGSQAHVS FLDPRQPSYN VKSVCSRERG SGIRSVSFYE HIITVGTGQG SLLFYDIRAQ RFLEERLSAC YGSKPRLAGE NLKLTTGKGW LNHDETWRNY FSDIDFFPNA VYTHCYDSSG TKLFVAGGPL 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	50,517 Da
Sequence Positions	1-453, 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 Q5T6F0
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DCAF12 recombinant protein	This gene encodes a WD repeat-containing protein that interacts with the COP9 signalosome, a macromolecular complex that interacts with cullin-RING E3 ligases and regulates their activity by hydrolyzing cullin-Nedd8 conjugates.
Other Notes	Small volumes of DCAF12 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.
Searchable Terms for DCAF12 purchase	MBS1399135 is a recombinant protein targeting DCAF12. Also known as Recombinant Human DDB1- and CUL4-associated factor 12 (DCAF12). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DCAF12. It may not necessarily be applicable to this product.

NCBI GI #	22218619

NCBI GeneID	25853
NCBI Accession #	NP_056212.1
UniProt Primary Accession #	Q5T6F0
UniProt Secondary Accession #	Q5T6E9; Q5T6F1; Q6P3V0; Q7L4F8; Q96PZ5; Q9NXA9; Q9UFJ1; A8KA70; D3DRL6
UniProt Related Accession #	Q5T6F0
GenBank Nucleotide #	NM_015397.3
NCBI Official Full Name	DDB1- and CUL4-associated factor 12
NCBI Official Synonym Full Names	DDB1 and CUL4 associated factor 12
NCBI Official Symbol	DCAF12
NCBI Official Synonym Symbols	CT102; TCC52; WDR40A; KIAA1892
UniProt Protein Name	DDB1- and CUL4-associated factor 12
UniProt Synonym Protein Names	Centrosome-related protein TCC52; Testis cancer centrosome-related protein; WD repeat-containing protein 40A
Protein Family	DDB1- and CUL4-associated factor
UniProt Gene Name	DCAF12
UniProt Synonym Gene Names	KIAA1892; TCC52; WDR40A
NCBI Protein Information	DDB1- and CUL4-associated factor 12
UniProt Comments for DCAF12	May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex.
Research Articles on DCAF12	**1.** Of the classifier's 11 informative genes, expression of MIR and WDR40 showed statistically significant increases for both Grade 1B and Grade >or=3A rejection.
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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