Kelch Domain-Containing Protein 10 (KLHDC10) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Kelch domain-containing protein 10 (KLHDC10), Recombinant Protein
Full Product Name	Recombinant Human Kelch domain-containing protein 10 (KLHDC10)
Product Gene Name	KLHDC10 recombinant protein
Product Synonym Gene Name	KLHDC10
Sequence	MSAAQGWDRN RRRGGGAAGA GGGGSGAGGG SGGSGGRGTG QLNRFVQLSG RPHLPGKKKI RWDPVRRRFI QSCPIIRIPN RFLRGHRPPP ARSGHRCVAD NTNLYVFGGY NPDYDESGGP DNEDYPLFRE LWRYHFATGV WHQMGTDGYM PRELASMSLV LHGNNLLVFG GTGIPFGESN GNDVHVCNVK YKRWALLSCR GKKPSRIYGQ AMAIINGSLY VFGGTTGYIY STDLHKLDLN TREWTQLKPN NLSCDLPEER YRHEIAHDGQ RIYILGGGTS WTAYSLNKIH AYNLETNAWE EIATKPHEKI GFPAARRCHS CVQIKNDVFI CGGYNGEVIL GDIWKLNLQT FQWVKLPATM PEPVYFHCAA VTPAGCMYIH GGVVNIHENK RTGSLFKIWL VVPSLLELAW EKLLAAFPNL ANLSRTQLLH LGLTQGLIER LK
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	33,488 Da
Sequence Positions	1-442, 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	615152
3D Structure	ModBase 3D Structure for Q6PID8
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for KLHDC10 recombinant protein	MBS1432780 is a recombinant protein targeting KLHDC10. Also known as Recombinant Human Kelch domain-containing protein 10 (KLHDC10). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of KLHDC10 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 KLHDC10. It may not necessarily be applicable to this product.

NCBI GI #	44917619
NCBI GeneID	23008

NCBI Accession #	NP_055812.1
UniProt Primary Accession #	Q6PID8
UniProt Secondary Accession #	Q86Y99; Q92554
UniProt Related Accession #	Q6PID8
GenBank Nucleotide #	NM_014997.3
NCBI Official Full Name	kelch domain-containing protein 10
NCBI Official Synonym Full Names	kelch domain containing 10
NCBI Official Symbol	KLHDC10
NCBI Official Synonym Symbols	slim
UniProt Protein Name	Kelch domain-containing protein 10
Protein Family	Kelch domain-containing protein
UniProt Gene Name	KLHDC10
UniProt Synonym Gene Names	KIAA0265
NCBI Protein Information	kelch domain-containing protein 10
UniProt Comments for KLHDC10	Participates in the oxidative stress-induced cell death through MAP3K5 activation. Inhibits PPP5C phosphatase activity on MAP3K5.
Research Articles on KLHDC10	**1.** Suggest that Slim/KLHDC10 is an activator of ASK1, contributing to oxidative stress-induced cell death through the suppression of PP5.
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