Uncharacterized Protein KIAA1530 (KIAA1530) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein KIAA1530 (Kiaa1530), Recombinant Protein
Full Product Name	Recombinant Mouse Uncharacterized protein KIAA1530 (Kiaa1530)
Product Gene Name	Kiaa1530 recombinant protein
Product Synonym Gene Name	Kiaa1530
Sequence	MDQKLSQLIE ELTTSGESQL NAQKMKELKK ICKSSEEQLS HAYRLLITQL TQGHAEIRLS AFQIVDELFT RSHQFRMLLV SDFQEFLELT LGTDSDRPLP PPREAAQRLR QAAMQAVEGW NEKFGQAYKK LALGYHFLKH TKKVDFRDIN VRTVAERKRE EEKQKHLDKI HRESADRAKR EMEEMYDEIE CCLTEVENCF KLLVPLDFVP CPEDKFFGEA SSMTEGYAPC PLSPDLATPR ESGLSGPQDE EQPCCSKDLV ASAYHVGSVV GLKALPQTAM KDSSRDEDEP SDPDDFLRSH GLGSHKYTLD VEVPSDGLKV QENEDNLAVL HAARDSLKLI QNKFLPTVCS WVQRFTRAGT YSAHLKQAID LKMELELALK KYEELNIEPG RGQRSRTEAL EDSEDEDQDF VEVPEKEGYE PRIPDHLRAE YGLEPKAPLK TLEKGTAVCK LQERTRMRRE EEASDPTSAA AQMLRLQDCL SSPSPSSTRV LPGPEEAQKQ AERARAPIVP FGVDLCYWGQ EQLTAGKILK SDSQHRFWKP SEVEEEVDSA HVSEMLHSRH ITFSGTFEPV QHKCRALRPN GRLCERQDRL KCPFHGKIIP RDDKGQPLNP EDRAREQRQQ LQRQQAHPDW QDPEFLKDVE AATGVDLGSS RSSKKGKGKK KKHPNLTDLR ERTNTARARL EKKVFAKAAV QRVVAAMNQM DQKKHEKFAN QFNYALK
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	81,759 Da
Sequence Positions	1-717, 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 Q9D479
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Kiaa1530 recombinant protein	MBS1470431 is a recombinant protein targeting Kiaa1530. Also known as Recombinant Mouse Uncharacterized protein KIAA1530 (Kiaa1530). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Kiaa1530 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 Kiaa1530. It may not necessarily be applicable to this product.

NCBI GI #	124487376

NCBI GeneID	71101
NCBI Accession #	NP_001074570.1
UniProt Primary Accession #	Q9D479
UniProt Secondary Accession #	Q3U1A8; Q6P7V8; Q6ZPN7; B2RQ84; B7ZN03
UniProt Related Accession #	Q9D479
GenBank Nucleotide #	NM_001081101.2
NCBI Official Full Name	UV-stimulated scaffold protein A
NCBI Official Synonym Full Names	UV stimulated scaffold protein A
NCBI Official Symbol	Uvssa
NCBI Official Synonym Symbols	Kiaa1530; mKIAA1530; 4933407H18Rik; D330017J19Rik
UniProt Protein Name	UV-stimulated scaffold protein A
UniProt Gene Name	Uvssa
UniProt Synonym Gene Names	Kiaa1530
NCBI Protein Information	UV-stimulated scaffold protein A
UniProt Comments for Kiaa1530	Factor involved in transcription-coupled nucleotide excision repair (TC-NER) in response to UV damage. TC-NER allows RNA polymerase II-blocking lesions to be rapidly removed from the transcribed strand of active genes. Acts by promoting stabilization of ERCC6 by recruiting deubiquitinating enzyme USP7 to TC-NER complexes, preventing UV-induced degradation of ERCC6 by the proteasome. Interacts with the elongating form of RNA polymerase II (RNA pol IIo) and facilitates its ubiquitination at UV damage sites, leading to promote RNA pol IIo backtracking to allow access to the nucleotide excision repair machinery. Not involved in processing oxidative damage ().
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