E3 Ubiquitin-Protein Ligase Hakai (CBLL1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	E3 ubiquitin-protein ligase Hakai (Cbll1), Recombinant Protein
Full Product Name	Recombinant Mouse E3 ubiquitin-protein ligase Hakai (Cbll1)
Product Gene Name	Cbll1 recombinant protein
Product Synonym Gene Name	Cbll1
Sequence	MDHTDNELQG TNSSGSLGGL DVRRRIPIKL ISKQASKVKP APRTQRTVSR MPAKAPQGDE EGFDYNEEQR YDCKGGELFG NQRRFPGHLF WDFKINILGE KDDTPVHFCD KCGLPIKVYG RMIPCKHVFC YDCAILHEKK GDKMCPGCSD PVQRIEQCTR GSLFMCSIVQ GCKRTYLSQR DLQAHINHRH MRAGKPVTRA SLENVHPPIA PPPTDIPDRF IMPPDKHHMS HIPPKQHIMM PPPPLQHVPH EHYNQPHEDI RAPPAELSMA PPPPRSVSQE TFRISTRKHS NLITVPIQDD SSSGAREPPP PAPAPAHHHP EYQGQPVVSH PHHIMPPQQH YAPPPPPPPP ISHPMPHPPQ AAGTPHLVYS QAPPPPMTSA PPPITPPPGH IIAQMPPYMN HPPPGPPPPQ HGGPPVTAPP PHHYNPNSLP QFTEDQGTLS PPFTQPGGMS PGIWPAPRGP PPPPRMQGPP SQTPLPGPHH PDQTRYRPYY Q
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	37,481 Da
Sequence Positions	1-491, 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 Q9JIY2
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Cbll1 recombinant protein	MBS1323083 is a recombinant protein targeting Cbll1. Also known as Recombinant Mouse E3 ubiquitin-protein ligase Hakai (Cbll1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Cbll1 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 Cbll1. It may not necessarily be applicable to this product.

NCBI GI #	359718938
NCBI GeneID	104836
NCBI Accession #	NP_001240776.1
UniProt Primary Accession #	Q9JIY2

UniProt Secondary Accession #	Q3TMC0; Q8C7W5; Q8VCL9
UniProt Related Accession #	Q9JIY2
GenBank Nucleotide #	NM_001253847.1
NCBI Official Full Name	E3 ubiquitin-protein ligase Hakai isoform 1
NCBI Official Synonym Full Names	Casitas B-lineage lymphoma-like 1
NCBI Official Symbol	Cbll1
NCBI Official Synonym Symbols	Hakai; AI467391; c-Cbl-like
UniProt Protein Name	E3 ubiquitin-protein ligase Hakai
UniProt Synonym Protein Names	Casitas B-lineage lymphoma-transforming sequence-like protein 1; E-cadherin binding protein E7; RING-type E3 ubiquitin transferase HakaiCurated; c-Cbl-like protein 1
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	Cbll1
UniProt Synonym Gene Names	Hakai
NCBI Protein Information	E3 ubiquitin-protein ligase Hakai
UniProt Comments for Cbll1	Promotes ubiquitination of several tyrosine-phosphorylated Src substrates, including CDH1, CTTN and DOK1. Targets CDH1 for endocytosis and degradation.
Research Articles on Cbll1	**1.** Results suggest that Hakai is an important regulator of cell proliferation and that Hakai may be an oncoprotein and a potential molecular target for cancer treatment.
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