Kremen Protein 1 (kremen1) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Kremen protein 1 (kremen1), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Kremen protein 1 (kremen1), partial
Product Gene Name	kremen1 recombinant protein
Product Synonym Gene Name	kremen1
Sequence	SDSFHSEC YTVNGADYRG TQNQTSLDGG KPCLFWNETF QHPYNTLKYP NGEGGLGEHN YCRNPDGDVS PWCYIPEQED GVYWKYCDIP ACKMPGNLGC FRDHGNPPPL TGISETSNKQ TIQTCITMCR RQRYKLAGLE AGFACFCGNN ADYRKHGEMP STDCNSVCFG DHTQPCGGDG RIILFDSLIG ACGGNYSTDS AVIYSPDFPD TYGTGKACYW TIQVTDASII RFNFTLFDIK DSRDMVELLD GYTKQVLIRF DGRNHPTHSF NISLDFVILY FFSDRINQAQ GFSVVYEAFK EETIEKPNGS NNPSQTEMIT QTTNLSINAA RSSKILYVIT TSPSRPSGH
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	50,189 Da
Sequence Positions	23-369
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 Q90Y90
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for kremen1 recombinant protein	MBS1376524 is a recombinant protein targeting kremen1. Also known as Recombinant Xenopus laevis Kremen protein 1 (kremen1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of kremen1 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 kremen1. It may not necessarily be applicable to this product.

NCBI GI #	147902347
NCBI GeneID	398249
NCBI Accession #	NP_001082145.1
UniProt Primary Accession #	Q90Y90

UniProt Related Accession #	Q90Y90
GenBank Nucleotide #	NM_001088676.2
NCBI Official Full Name	kremen protein 1
NCBI Official Synonym Full Names	kringle containing transmembrane protein 1 S homeolog
NCBI Official Symbol	kremen1.S
NCBI Official Synonym Symbols	krm1; kremen; kremen1
UniProt Protein Name	Kremen protein 1
UniProt Synonym Protein Names	Dickkopf receptor; Kringle-containing protein marking the eye and the nose
Protein Family	Kremen protein
UniProt Gene Name	kremen1
NCBI Protein Information	kremen protein 1
UniProt Comments for kremen1	Receptor for Dickkopf proteins. Cooperates with DKK1/2 proteins to inhibit Wnt/beta-catenin signaling by promoting the endocytosis of Wnt receptors LRP5 and LRP6. In the absence of DKK1, potentiates Wnt-beta-catenin signaling by maintaining LRP5 or LRP6 at the cell membrane (PubMed:17978005, PubMed:18314504).
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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