OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP308991

KREMEN1 (NM_001039571) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human kringle containing transmembrane protein 1 (KREMEN1), transcript variant 4, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208991 representing NM_001039571 Red=Cloning site Green=Tags(s) MAPPAARLALLSAAALTLAARPAPSPGLGPGPECFTANGADYRGTQNWTALQGGKPCLFWNETFQHPYNT LKYPNGEGGLGEHNYCRNPDGDVSPWCYVAEHEDGVYWKYCEIPACQMPGNLGCYKDHGNPPPLTGTSKT SNKLTIQTCISFCRSQRFKFAGMESGYACFCGNNPDYWKYGEAASTECNSVCFGDHTQPCGGDGRIILFD TLVGACGGNYSAMSSVVYSPDFPDTYATGRVCYWTIRVPGASHIHFSFPLFDIRDSADMVELLDGYTHRV LARFHGRSRPPLSFNVSLDFVILYFFSDRINQAQGFAVLYQAVKEELPQERPAVNQTVAEVITEQANLSV SAARSSKVLYVITTSPSHPPQTVPGWTVYGLATLLILTVTAIVAKILLHVTFKSHRVPASGDLRDCHQPG TSGEIWSIFYKPSTSISIFKKKLKGQSQQDDRNPLVSD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	48.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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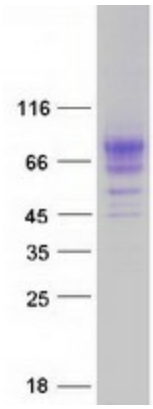
RefSeq:	NP_001034660
Locus ID:	83999
UniProt ID:	Q96MU8
RefSeq Size:	6115
Cytogenetics:	22q12.1
RefSeq ORF:	1374
Synonyms:	FLJ31863; KREMEM1; KREMEN; kringle-coding gene marking the eye and the nose; kringle-containing transmembrane protein 1; kringle containing transmembrane protein 1; KRM1; OTTHUMP00000028977
Summary:	This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wingless (WNT)/beta-catenin signaling. The encoded protein is a component of a membrane complex that modulates canonical WNT signaling through lipoprotein receptor-related protein 6 (LRP6). It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified KREMEN1 protein (Cat# TP308991). The protein was produced from HEK293T cells transfected with KREMEN1 cDNA clone (Cat# [RC208991]) using MegaTran 2.0 (Cat# [TT210002]).