

Recombinant Human KREMEN1 protein, His & T7-tagged

Cat. No. KREMEN1-7883H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KREMEN1 aa. (Lys157~Gly390 (Accession # Q96MU8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys157~Gly390
Description	This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wntless (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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.3kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	KREMEN1 kringle containing transmembrane protein 1 [Homo sapiens (human)]
Official Symbol	KREMEN1
Synonyms	KREMEN1; kringle containing transmembrane protein 1; KRM1; ECTD13; KREMEN; kremen protein 1; dickkopf receptor; kringle domain-containing transmembrane protein 1; kringle-coding gene marking the eye and the nose; kringle-containing protein marking the eye and the nose
Gene ID	83999

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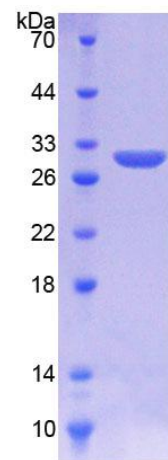
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mRNA Refseq NM_001039570.2

Protein Refseq NP_001034659.2

UniProt ID Q96MU8

SDS-PAGE



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