

Recombinant Full Length Human KREMEN2 Protein, GST-tagged

Cat. No. KREMEN2-5880HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KREMEN2 full-length ORF (NP_078783.1, 1 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	420 amino acids
Description	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 forms a ternary membrane complex with DKK1 and the WNT receptor lipoprotein receptor-related protein 6 (LRP6), and induces rapid endocytosis and removal of LRP6 from the plasma membrane. It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq
Molecular Mass	70.8 kDa
AA Sequence	MGTQALQGFLFLLFLLQPRGASAGSLHSPGLSECFQVNGADYRGHQNRGTGPRG AGRPCLFWDQTQQHSYSSASDPHGRWGLGAHNFCRNPDGDVQPWCYVAETEEGI YWRYCDIPSCHMPGYLGCFVDSGAPPALSGPSGTSTKLTVQVCLRFCRMKGYQLA GVEAGYACFCGSESDLARGRLAPATDCDQICFGHPGQLCGGDGRLGVYEVSVGSC QGNWTAPQGVYISPDFPDEYGPDRNCSWALGPPGALELTFRLELADPRDRLELR

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DAASGSLLRAFDGARPPPSGPLRLGTAALLLTFRSDARGHAQGFALTYRGLQDAAE
DPEAPEGSAQTPAAPLDGANVSCSPRPGAPPAIGGAVCWLREKGP RRWGLPGAP
GEAGLCGTNSPEGWPCPAPPGTPRLRLVLP RATGL

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

KREMEN2 kringle containing transmembrane protein 2 [Homo sapiens]

Official Symbol

KREMEN2

Synonyms

KREMEN2; kringle containing transmembrane protein 2; kremen protein 2; KRM2;
MGC10791; dickkopf receptor 2; kringle domain-containing transmembrane protein 2;
kringle-containing protein marking the eye and the nose; MGC16709;

Gene ID

79412

mRNA Refseq

NM_001253725

Protein Refseq

NP_001240654

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MIM	609899
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UniProt ID	Q8NCW0
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