Recombinant Human KREMEN2 Protein, GST-tagged

Cat. No. KREMEN2-4882H **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	Wheat Germ
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	MGTQALQGFLFLLFLPLLQPRGASAGSLHSPGLSECFQVNGADYRGHQNRTGPRG AGRPCLFWDQTQQHSYSSASDPHGRWGLGAHNFCRNPDGDVQPWCYVAETEEGI YWRYCDIPSCHMPGYLGCFVDSGAPPALSGPSGTSTKLTVQVCLRFCRMKGYQLA GVEAGYACFCGSESDLARGRLAPATDCDQICFGHPGQLCGGDGRLGVYEVSVGSC QGNWTAPQGVIYSPDFPDEYGPDRNCSWALGPPGAALELTFRLFELADPRDRLELR DAASGSLLRAFDGARPPPSGPLRLGTAALLLTFRSDARGHAQGFALTYRGLQDAAE DPEAPEGSAQTPAAPLDGANVSCSPRPGAPPAAIGGAVCWLREKGPRRWGLPGAP

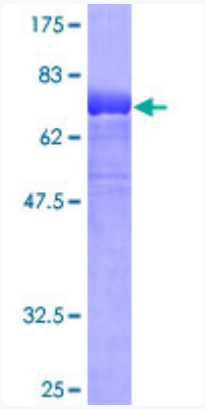
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	GEAGLCGTNSPEGWPCPAPPGTPRLRVLPRATGL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -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
MIM	609899

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UniProt ID	Q8NCW0
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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