Active Recombinant Human KREMEN1, Fc-tagged, Biotinylated

Cat. No. KREMEN1-632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human KREMEN1-Fc fusion is expressed as a 593 amino acid protein consisting of Arg21 - Gly375 region of KREMEN1 (Uniprot Accession #Q96MU8-3) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	21-375 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier and preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Recombinant KREMEN1-Fc binds human Dkk1 with high affinity (apparent KD< 10 nM)
Molecular Mass	Calculated molecular mass (kDa): 65.8; Estimated by SDS-PAGE under reducing condition (kDa): 80-90.
Endotoxin	<0.1 eu="" per="" 1="" µg="" of="" purified="" recombinant="" protein="" determined="" by="" the="" lal="">
Purity	>90% judged by SDS-PAGE under reducing condition

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.
Conjugation	Biotin

GENE INFORMATION

Gene Name	KREMEN1 kringle containing transmembrane protein 1 [Homo sapiens]
Official Symbol	KREMEN1
Synonyms	KREMEN1; kringle containing transmembrane protein 1; KREMEN, kringle containing transmembrane protein; kremen protein 1; KRM1; dickkopf receptor; kringle-coding gene marking the eye and the nose; kringle domain-containing transmembrane protein 1; kringle-containing protein marking the eye and the nose; KREMEN; FLJ31863;
Gene ID	83999
mRNA Refseq	NM_001039570
Protein Refseq	NP_001034659
MIM	609898
UniProt ID	Q96MU8
Chromosome	22q12.1

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Location	
Pathway	Wnt signaling network, organism-specific biosystem;
Function	protein binding;

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