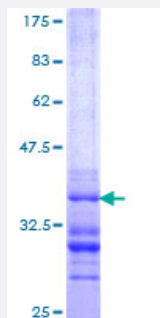


KREMEN1 (Human) Recombinant Protein (Q01)

Catalog # H00083999-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KREMEN1 partial ORF (NP_114434, 310 a.a. - 391 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	INQAQGFAVLYQAVKEELPQERPAVNQTVAEVITEQANLSVSAARSSKVLVYITTSPSHPPQTVPG SNSWAPPMGAGSHRVE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.76
Interspecies Antigen Sequence	Mouse (88); Rat (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — KREMEN1

Entrez GeneID [83999](#)

GeneBank Accession# [NM_032045](#)

Protein Accession# [NP_114434](#)

Gene Name KREMEN1

Gene Alias FLJ31863, KREMEM1, KREMEN, KRM1

Gene Description kringle containing transmembrane protein 1

Omim ID [609898](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000028977|kringle-coding gene marking the eye and the nose|kringle-containing transmembrane protein 1

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)

- [Schizophrenia](#)
- [Tobacco Use Disorder](#)