

# Recombinant Human KREMEN1, His-tagged

**Cat. No.** KREMEN1-327H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the human KREMEN1 (NP_114434.3) (Met1-Thr394) was expressed with a polyhistidine tag at the C-terminus.                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                     |
| <b>Source</b>           | Human Cells                                                                                                                                                                               |
| <b>ProteinLength</b>    | Met1-Thr394                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant human KREMEN1 consists of 386 amino acids and predicts a molecular mass of 42.6 KDa. It migrates as an approximately 56.3 KDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                           |
| <b>Purity</b>           | >95 % as determined by SDS-PAGE                                                                                                                                                           |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C                                                                                                                  |
| <b>Storage</b>          | Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                       |
| <b>Reconstitution</b>   | Hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | KREMEN1 kringle containing transmembrane protein 1 [ Homo sapiens ]                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b>     | KREMEN1                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>            | 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; |
| <b>Gene ID</b>             | 83999                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>         | NM_001039570                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_001034659                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>                 | 609898                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>          | Q96MU8                                                                                                                                                                                                                                                                                                                            |
| <b>Chromosome Location</b> | 22q12.1                                                                                                                                                                                                                                                                                                                           |
| <b>Pathway</b>             | Wnt signaling network, organism-specific biosystem;                                                                                                                                                                                                                                                                               |
| <b>Function</b>            | protein binding;                                                                                                                                                                                                                                                                                                                  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA