HUMAN KREMEN2 PROTEIN, HIS TAG

Cat.#: 11910

Product Name: Human KREMEN2 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: KRM2

Target: KREMEN2

UNIPROT ID: Q8NCW0

Description: Recombinant Human KREMEN2 Protein with C-terminal 6xHis tag

Background: This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor. A similar protein in mouse functions interacts with 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, Dec 2011]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 36.8 kDa after removal of the signal peptide.

Molecular Characterization: KREMEN2(Gly26-Ala364) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

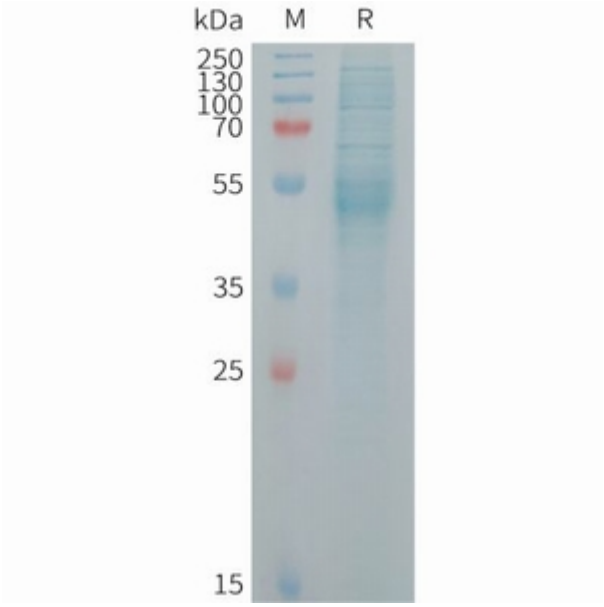

Figure 1.Human KREMEN2 Protein, His Tag on SDS-PAGE under reducing condition.