PRODUCT INFORMATION

Target	DKK2
Synonyms	DKK-2
Description	Recombinant Human DKK2 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9UBU2
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	DKK2(Lys34-Ile259) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 51.2 kDa after removal of the signal peptide. The apparent molecular mass of DKK2-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Background	This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin signaling, depending on the cellular context and the presence of the co-factor kremen 2. Activity of this protein is also modulated by binding to the Wnt co-receptor LDL-receptor related protein 6 (LRP6). [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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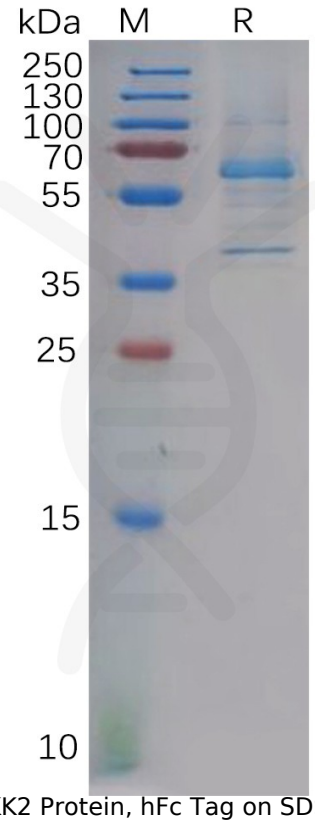


Figure 1. Human DKK2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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