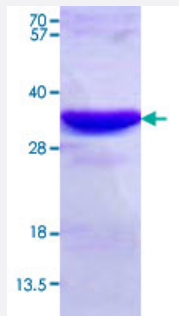


DKK2 (Human) Recombinant Protein

Catalog # P5865

Size 20 ug

Applications



Specification

Product Description	Human DKK2 (NP_055236, 34 a.a. - 259 a.a.) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMKLNSIKSSLGGETPGQAANRSAGMYQGLAFGGSKKGKNL GQAYPCSSDKECEVGRYCHSPHQSSACMVCRRKKKRCRDMCCPSTRCNGICIPVTESILT PHIPALDGTRHRDRNHGHYSNHDLGWQNLGRPHTKMSHIKGHEGDPCLRSSDCIEGFCCARHFW TKICKPVLHQGEVCTKQRKKGSHGLEIFQRCDCAKGLSCKVWKDATYSSKARLHVCQKI
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	27.6
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS - PAGE
Quality Control Testing	3 ug/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (0.4 M Urea, 10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- [SDS-PAGE](#)

Gene Info — DKK2

Entrez GeneID	27123
Gene Name	DKK2
Gene Alias	DKK-2
Gene Description	dickkopf homolog 2 (Xenopus laevis)
Omim ID	605415
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	dickkopf 2 dickkopf homolog 2 dickkopf related protein-2

Pathway

- [Wnt signaling pathway](#)

Disease

- [Alcoholism](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)

- [Tobacco Use Disorder](#)