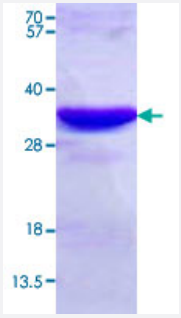
DKK2 (Human) Recombinant Protein

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 *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMKLNSIKSSLGGETPGQAANRSAGMYQGLAFGGSKKGKNL GQAYPCSSDKECEVGRYCHSPHQGSSACMVCRRKKKRCHRDGMCCPSTRCNNGICIPVTESILT PHIPALDGTRHRDRNHGHYSNHDLGWQNLGRPHTKMSHIKGHEGDPCLRSSDCIEGFCCARHFW TKICKPVLHQGEVCTKQRKKGSHGLEIFQRCDCAKGLSCKVWKDATYSSKARLHVCQKI
Host	Escherichia coli
Theoretical MW (kDa)	27.6
Form	Liquid
Preparation Method	*Escherichia coli* 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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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 contai ns two cysteine rich regions and is involved in embryonic development through its interactions wit h the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin sign aling, 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.