

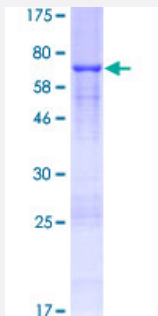
Full-Length

DKK3 (Human) Recombinant Protein (P01)

Catalog # H00027122-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DKK3 full-length ORF (AAH07660.1, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQRLGATLLCLLLAAAVPTAPAPAPTATSAPVKPGPALSYPQEEATLNEMFREVEELMEDTQHK
LRSVEEMEAEAAAAKASSEVNLNPPSYHNETNTDTKVGNNTIHVHREIHKITNNQTGQMVFSE
TVITSVGDEEGRRSHECIIIDEDCGPSMYCQFASFQYTCQPCRGQRMLCTRDSECCGDQLCVWG
HCTKMATRGSGNTICDNQRDCQPLCCAFQRGLLPVCTPLPVEGELCHDPASRLDLITWELE
PDGALDRPCASGLLCQPHSHSLVYVCKPTFVGSRDQDGEILLPREVPDEYEVGSFMEEVRQE
LEDLERSLTEEMALGEPAAAAAALLGEEI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.7

Interspecies Antigen Sequence

Mouse (82); Rat (79)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DKK3

Entrez GeneID[27122](#)**GeneBank Accession#**[BC007660.2](#)**Protein Accession#**[AAH07660.1](#)**Gene Name**

DKK3

Gene Alias

REIC

Gene Description

dickkopf homolog 3 (Xenopus laevis)

Omim ID[605416](#)**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. The expression of this gene is decreased in a variety of cancer cell lines and it may function as a tumor suppressor gene. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations

RIG-like 5-6|RIG-like 7-1|dickkopf 3|dickkopf homolog 3

Disease

- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Polycystic Kidney](#)
- [Tobacco Use Disorder](#)