

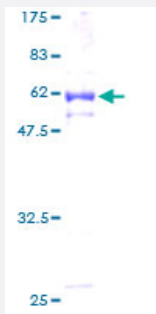
Full-Length

NKD2 (Human) Recombinant Protein (P01)

Catalog # H00085409-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NKD2 full-length ORF (AAH12176, 1 a.a. - 311 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGKLQSKHAAAARKRRESPEGDSFVASAYASGRKGAEAAERRARDKQELPNGDPKEGPFRED
QCPLQVALPAEKAEGREHPGQLLSADDGERAANREGPRGPGGQRLNIDALQCDVSVEEDDRQ
EWFTFLYDFDNCCKVTREDMSSLMHTIYEVVDASVNHSSGSSKTLRVKLTVSPEPSSKRKEGPP
AGQDREPTRCRMELAEPRVADRRLSAHVRRPSTDPQPCSERGPYCV DENTERRNHYDLA
GIENYTSRFGPGSQLCEKRSSAPRTHSGDKARGVGLCRELWSQAGHPQWPGPFPSGLVAV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.95

Interspecies Antigen Sequence

Mouse (78); Rat (78)

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 — NKD2

Entrez GeneID[85409](#)**GeneBank Accession#**[BC012176](#)**Protein Accession#**[AAH12176](#)**Gene Name**

NKD2

Gene Alias

Naked2

Gene Description

naked cuticle homolog 2 (Drosophila)

Omim ID[607852](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

In the mouse, Nkd is a Dishevelled (see DVL1; MIM 601365)-binding protein that functions as a negative regulator of the Wnt (see WNT1; MIM 164820)-beta-catenin (see MIM 116806)-Tcf (see MIM 602272) signaling pathway.[supplied by OMIM]

Other Designations

Dvl-binding protein NKD2|naked cuticle homolog 2|naked cuticle-2

Pathway

- [Wnt signaling pathway](#)