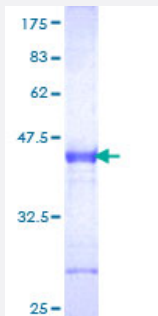


DKK1 (Human) Recombinant Protein (Q01)

Catalog # H00022943-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DKK1 partial ORF (NP_036374, 81 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QPYPCAEEDEECGTDEYCASPTRGGDAGVQICLACRKRRKRCMRHAMCCPGNYCKNGICVSSDQ NHFRGEIEETITESFGNDHSTLDGYSRRTTLSSKMYH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (81)
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 — DKK1

Entrez GeneID [22943](#)

GeneBank Accession# [NM_012242](#)

Protein Accession# [NP_036374](#)

Gene Name DKK1

Gene Alias DKK-1, SK

Gene Description dickkopf homolog 1 (Xenopus laevis)

Omim ID [605189](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma. [provided by RefSeq]

Other Designations OTTHUMP00000019617|dickkopf homolog 1|dickkopf related protein-1|dickkopf-1 like

Pathway

- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hip Fractures](#)
- [Kidney Failure](#)
- [Liver Diseases](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Spinal Fractures](#)