

Bioactive

HuPro®

DKK1 (Human) Recombinant Protein

Catalog # P7602

Size 10 ug

Specification

Product Description	Human DKK1 (O94907, 32 a.a. - 266 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.
Sequence	TLNSVLNSNAIKNLPPPLGGAAGHPGSAVSAAPGLYPGGNKYQTIDNYQPYPCAEDEECGTDEYC ASPTRGGDAGVQICLACRKRRCMRHAMCCPGNYCKNGICVSSDQNHFRGEIEETITESFGND HSTLDGYSRRTLSSKMYHTKGQEGSVCLRSSDCASGLCCARHFWSKICKPVLKEGQVCTKHRR KGSHGLEIFQRCYCGEGLSCRIQKDDHHQASNSSRLHTCQRH
Host	Mammals
Theoretical MW (kDa)	38-40
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
Activity	The ED ₅₀ was determined in stimulation of alkaline phosphatase activity using CCI-226 cells is < 4.0 ug/mL.
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — DKK1

Entrez GeneID [22943](#)

Protein Accession# [O94907](#)

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](#)