

Recombinant Human DKK4 protein, His & T7-tagged

Cat. No. DKK4-1522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DKK4 aa. (Gln107~His212 (Accession # Q9UBT3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln107~His212
Description	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. Activity of this protein is modulated by binding to the Wnt co-receptor and the co-factor kremen 2.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point

9.1

GENE INFORMATION

Gene Name

DKK4 dickkopf WNT signaling pathway inhibitor 4 [Homo sapiens (human)]

Official Symbol

DKK4

Synonyms

DKK4; dickkopf WNT signaling pathway inhibitor 4; DKK-4; dickkopf-related protein 4; dickkopf-4; hDkk-4

Gene ID

27121

mRNA Refseq

NM_014420.2

Protein Refseq

NP_055235.1

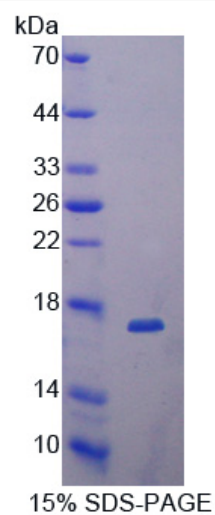
UniProt ID

Q9UBT3

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SDS-PAGE

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