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Datasheet for ABIN7318404  
**DKK2 Protein (His tag,Fc Tag)**

### Overview

Quantity:	50 µg
Target:	DKK2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DKK2 protein is labelled with His tag,Fc Tag.

### Product Details

Purpose:	Recombinant Human DKK2 Protein (His&Fc Tag)
Sequence:	Asp251-Ile526
Characteristics:	Recombinant Human Dickkopf-related protein 2 is produced by our Mammalian expression system and the target gene encoding Asp251-Ile526 is expressed with a Fc tag at the N-terminus, 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	DKK2
Alternative Name:	DKK2 ( <a href="#">DKK2 Products</a> )
Background:	Background: Dickkopf-related protein 2 (DKK2), is a member of the dickkopf family. DKK2 is secreted protein which contains two cysteine rich regions and is involved in embryonic

## Target Details

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development through its interactions with the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin signaling, depending on the cellular context and the presence of the co-factor kremen 2. It antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.

Synonym: Dickkopf-related protein 2, Dickkopf-2, Dkk-2, hDkk-2

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Molecular Weight: 58.9 kDa

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UniProt: [Q9UBU2](#)

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Pathways: [WNT Signaling](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.2.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.