

Datasheet for ABIN7491413
DKK1 Protein (AA 32-266) (mFc Tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	DKK1
Protein Characteristics:	AA 32-266
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DKK1 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant Human DKK1 Protein with C-terminal mouse Fc tag
Specificity:	DKK1 (Thr32-His266) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	DKK1
Alternative Name:	DKK1 (DKK1 Products)
Background:	This gene encodes a member of the dickkopf family of proteins. Members of this family are

Target Details

secreted proteins characterized by two cysteine-rich domains that mediate protein-protein interactions. The encoded protein binds to the LRP6 co-receptor and inhibits beta-catenin-dependent Wnt signaling. This gene plays a role in embryonic development and may be important in bone formation in adults. Elevated expression of this gene has been observed in numerous human cancers and this protein may promote proliferation, invasion and growth in cancer cell lines. [provided by RefSeq, Sep 2017]

Molecular Weight: predicted molecular mass of 52.0 kDa after removal of the signal peptide. The apparent molecular mass of DKK1-mFc is 55-70 kDa due to glycosylation.

UniProt: [O94907](#)

Pathways: [WNT Signaling](#), [Regulation of Muscle Cell Differentiation](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human Protein, mFc Tag on SDS-PAGE under reducing condition.