

Recombinant Human DKK1 protein ab87416

1 Image

Description	
Product name	Recombinant Human DKK1 protein
Purity	> 85 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected BTI-TN-5B1-4 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ADPTLNSVLN SNAIKNLPPP LGGAAGHPGS AVSAAPGILY PGGNKYQTID NYQPYPCAED EECGTDEYCA SPTRGGDAGV QICLACRKRR KRCMRHAMCC PGNKYCKNGIC VSSDQNHFRG EIEETITESF GNDHSTLDGY SRRTTLSSKM YHTKGQEGSV CLRSSDCASG LCCARHFWSK ICKPVLKEGQ VCTKHRRKGS HGLEIFQRCY CGEGLSCRIQ KDHHQASNSS RLHTCQRHSG RLVPRGSHHH HHH

Specifications	
Our Abpromise guarantee covers the use of ab87416 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE
Form	Liquid
Additional notes	Endotoxin:< 1.0 EU per 1 ug of protein (determined by LAL method).

Preparation and Storage	
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 7.40 Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.06% EDTA, 0.03% DTT, 0.00174% PMSF

General Info

Function	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.
Tissue specificity	Placenta.
Sequence similarities	Belongs to the dickkopf family.
Domain	The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6.
Cellular localization	Secreted.

Images



15% SDS-PAGE showing 3µg ab87416.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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