

Product datasheet

Recombinant Human Dkk3 protein (denatured)
 ab131700

1 Image

Description

Product name	Recombinant Human Dkk3 protein (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	Q9UBP4
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHYHH SSGLVPRGSH MGSMAPAPTA TSAPVKPGPA LSY PQEEATL NEMFREVEEL MEDTQHKLRS AVEEMEAEAA AAKASSEVNL ANLPPSYHNE TNTDTKVGNN TIHVHREIHK ITNNQTGQMV FSETVITSVG DEEGRRSHEC IIDEDCGPSM YCQFASFQYT CQPCRGQRML CTRDSECCGD QLCVWGHCTK MATRGSNGTI CDNQRDCQPG LCCAFQRGLL FPVCTPLPVE GELCHDPASR LLDLITWELE PDGALDRPCPC ASGLLCQPHS HSLVYVCKPT FVGSRDQDGE ILLPREVPDE YEVGSFMEEV RQELEDLERS LTEEMALREP AAAAAALLGG EEI</p>
Predicted molecular weight	39 kDa including tags
Amino acids	22 to 350
Tags	His tag N-Terminus
Description	Recombinant Human Dkk3 protein

Specifications

Our [Abpromise guarantee](#) covers the use of **ab131700** 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

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 6.01% Urea, 0.02% DTT, 0.32% Tris HCl, 10% Glycerol

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 Highest expression in heart, brain, and spinal cord.

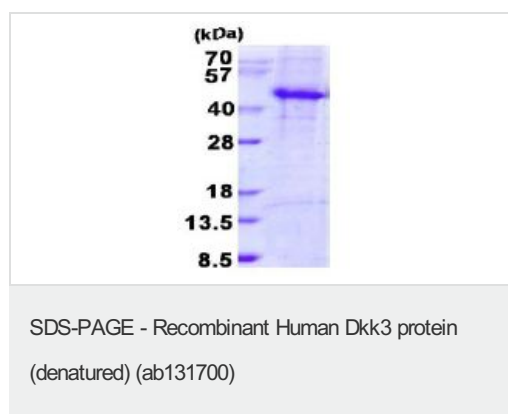
Sequence similarities Belongs to the dickkopf family.

Domain The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6.

Post-translational modifications N- and O-glycosylated.

Cellular localization Secreted.

Images



15% SDS-PAGE showing ab131700 at approximately 38.8kDa (3µg).

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

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