

Product datasheet

Recombinant Human DKK2 protein (denatured)  
 ab131710

1 Image

Description

<b>Product name</b>	Recombinant Human DKK2 protein (denatured)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<a href="#">Q9UBU2</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

<b>Sequence</b>	<p><b>MGSSHHHHHH SSSLVPRGSH MGSMKLNSIK</b>          SSLGGETPGQ AANRSAGMYQ GLAFGGSKKG          KNLGQAYPCS SDKECEVGRY CHSPHQGSSA          CMVCRRKKKR CHRDMCCPS TRCNNGICIP          VTESILTPHI PALDGTRHRD RNHGHYSNHD          LGWQNLGRPH TKMSHIKGHE GDPCLRSSDC          IEGFCCARHF WTKICKPVLH QGEVCTKQRK          KGSHGLEIFQ RCDCAKGLSC KVVWKDATYSS          KARLHVCQKI</p>
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<b>Predicted molecular weight</b>	28 kDa including tags
<b>Amino acids</b>	34 to 259
<b>Tags</b>	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab131710** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

Preparation and Storage

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**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: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

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**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**

Expressed in heart, brain, skeletal muscle and lung.

**Sequence similarities**

Belongs to the dickkopf family.

**Domain**

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

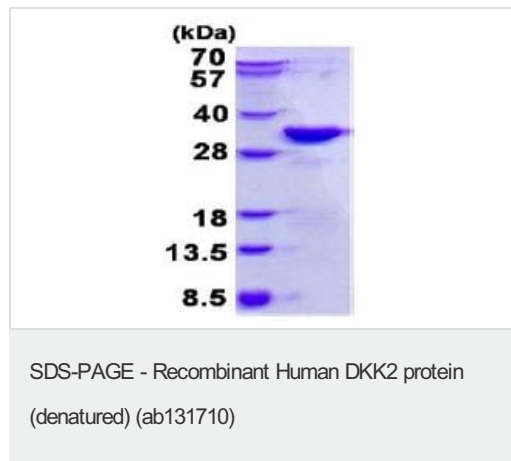
**Post-translational modifications**

May be proteolytically processed by a furin-like protease.

**Cellular localization**

Secreted.

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**Images**

15% SDS-PAGE showing ab131710 at approximately 27.6 kDa (3µg).

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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