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Datasheet for ABIN5711797

DKK2 Protein (AA 34-259) (His-SUMO Tag)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | DKK2 |
| Protein Characteristics: | AA 34-259 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This DKK2 protein is labelled with His-SUMO Tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|---------------|--|
| Sequence: | KLNSIKSSLG GETPGQAANR SAGMYQGLAF GGSKKGKNLG QAYPCSSDKE CEVGRYCHSP HQGSSACMVC RRKKKRCHRD GMCCPSTRCN NGICIPVTES ILTPHIPALD GTQHRDRNHG HYSNHDLGWQ NLGRPHTKMS HIKGHEGDPC LRSSDCIEGF CCARHFWTKI CKPVLHQGEV CTKQRKKGSH GLEIFQRDC AKGLSCKVWK DATYSSKARL HVCQKI |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

Target Details

| | |
|-------------------|--|
| Target: | DKK2 |
| Alternative Name: | DKK2 (DKK2 Products) |
| Background: | Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming |

Target Details

a ternary complex with the transmembrane protein KREN 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 .

Molecular Weight: 41 kDa

UniProt: [Q9UBU2](#)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

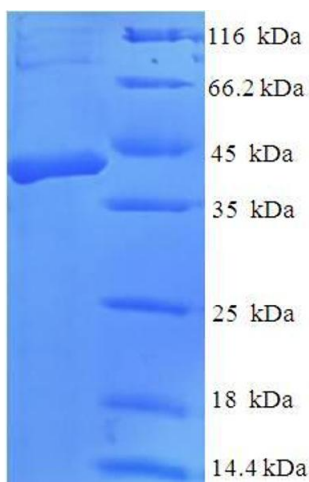
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.