

AR50648PU-N**Human Syntenin-2 / SDCBP2 (1-292, His-tag) - Purified****Alternate names:**

SITAC18, Syndecan-binding protein 2

Quantity:

0.25 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

SDCBP2 contains two class II PDZ domains. PDZ domains facilitate protein-protein interactions by binding to the cytoplasmic C-terminus of transmembrane proteins, and PDZ-containing proteins mediate cell signaling and the organization of protein complexes. The protein binds to phosphatidylinositol 4, 5-bisphosphate (PIP2) and plays a role in nuclear PIP2 organization and cell division.

Uniprot ID:[Q9H190](#)**NCBI:**[NP_001186713](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT**Description:**

Recombinant human SDCBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMSLYPS LEDLKVDQAI QAQVRASPKM PALPVQATAI
SPPPVLYPNL AELENYMGLS LSSQEVQESL LQIPEGDSTA VSGPGPGQMV APVTGYS LGV
RRAEIKPGVR EIHLCCKDERG KTGLRLRKVD QGLFVQLVQA NTPASLVGLR FGDQLLQIDG
RDCAGWSSHK AHQVVKKASG DKIVVVVRDR PFQRTVTMHK DSMGHVGFVI KKGKIVSLVK
GSSAARNGLL TNHYVCEVDG QNVIGLKDKK IMEILATAGN VVTLTIIPSV IYEHMVKKLP
PVLHHTMDH SIPDA

Molecular weight: 34.0 kDa (315aa) confirmed by MALDI-TOF**Storage:**

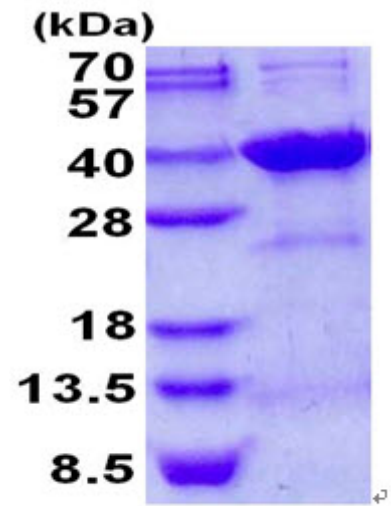
Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:Zimmermann, P. (2006) Biochim. Biophys. Acta 1761 (8), 947-956
Koroll, M., (2001) J. Biol. Chem. 276 (14), 10646-10654

Pictures:



15% SDS-PAGE (3ug)