

AR09749PU-L

Human Syntenin-1 / SDCBP (1-298, His-tag) - Purified

Alternate names:

MDA-9, MDA9, Melanoma differentiation-associated protein 9, Pro-TGF-alpha cytoplasmic domain-interacting protein 18, SYCL, Scaffold protein Pbp1, Syndecan-binding protein 1, TACIP18

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

SDCBP, also known as Syntenin1, is a multifunctional intracellular adapter protein. This protein contains tandemly repeated PDZ domains that react with the FYA (phe-tyr-ala) carboxyterminal amino acid sequence of the syndecans. It is involved in organization of protein complexes in the plasma membranes, regulation of B-cell development, activation of transcription factors, intracellular trafficking and cell-surface targeting, synaptic transmission, and axonal outgrowth.

Uniprot ID:

[O00560](#)

NCBI:

[NP_001007068](#)

GenelD:

[6386](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20 mM Tris-HCl Buffer (pH 8.0) containing 100 mM NaCl, 40% Glycerol

Description:

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

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSLYPSLEDL KVDKVIQAQT AFSANPANPA ILSEASAPIP
HDGNLYPRLY PELSQYMGLS LNEEEIRANV AVVSGAPLQG QLVARPSSIN YMVAPVTGND
VGIRRAEIKQ GIREVILCKD QDGKIGRLRK SIDNGIFVQL VQANSPASLV GLRFGDQVLQ
INGENCAGWS SDKAHKVLKQ AFGEKITMTI RDRPFERTIT MHKDSTGHVG FIFKNGKITS
IVKDSSAARN GLLTEHNICE INGQNVIGLK DSQIADILST SGTVVTITIM PAFIFEHIK
RMAPSIMKSL MDHTIPEV

Molecular weight: 34.6 kDa (318aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

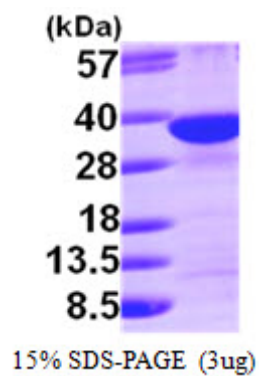
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Lee CH., et al. (2010) Comp Biochem Physiol C Toxicol Pharmacol. 152(2):195-201.
Fisher PB., et al (2008) Cancer Res. 68(9):3087-93.

Pictures:



Recombinant human SDCBP, 1-298aa,
His-tagged

