

32-4786: Recombinant Human Syndecan Binding Protein 2

Alternative Name : SITAC,SITAC18,ST-2,Syntenin-2,Syndecan-binding protein 2.

Description

Source : Escherichia Coli. SDCBP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-292 a.a.) and having a molecular mass of 34.0kDa. SDCBP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SDCBP2 has two class II PDZ domains. PDZ domains assist protein-protein interactions by attaching to the cytoplasmic C-terminus of transmembrane proteins, and PDZ-containing proteins mediate cell signaling and the organization of protein complexes. SDCBP2 attaches to phosphatidylinositol 4, 5-bisphosphate (PIP2) and take part in nuclear PIP2 arrangement and cell division.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	SDCBP2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSLYPS LEDLKVDQAI QAQVRASPKM PALPVQATAI SPPPVLYPNL AELENYMGLS LSSQEVQESL LQIPEGDSTA VSGPGPGQMV APVTGYSLGV RRAEIKPGVR EIHLCKDERG KTGLRLRKVD QGLFVQLVQA NTPASLVGLR FGDQLLQIDG RDCAGWSSHK AHQVVKKASG DKIVVVVRRDR PFQRTVTMHK DSMGHVGFVI KKGKIVSLVK GSSAARNGLL TNHYVCEVDG QNVIGLKDKK IMEILATAGN VVTLTIIPSV IYEHMVKKLP PVLLHHTMDH SIPDA.