

32-13443: SNX5 Human

Alternative Name : Sorting nexin-5 isoform a, Sorting nexin-5, SNX5.

Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

Sorting nexin-5 (SNX5) belongs to the sorting nexin family, whose members contains a phox (PX) domain, (which is a phosphoinositide binding domain) and are involved in intracellular trafficking. SNX5 protein is a component of the mammalian retromer complex, which facilitates cargo recovery from endosomes to the trans-Golgi network. SNX5 binds to the Fanconi anemia, complementation group A protein.

SNX5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 427 amino acids (1-404 a.a) and having a molecular mass of 49.2kDa. SNX5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : SNX5 protein solution (0.25mg/ml) in phosphate buffered saline (pH7.4), 20% 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 : MGSSHHHHH SSGLVPRGSH MGSMAAVPEL LQQEEDRSK LRSVSVDLNV DPSLQIDIPD
ALSERDKVKF TVHTKTLPT FQSPEFSVTR QHEDFVWLHD TLIETTDYAG LIIPPAPTKP DFDGPREKMQ
KLGEGEGSMT KEEFAKMKQE LEAEYLAVFK KTVSSHEVFL QRLSSHPVLS KDRNFHVLE YDQDLSVRRK
NTKEMFGGFF KSVVKSADDEV LFTGVKEVDD FFEQEKNFLI NYNRIKDSC VKADKMTRSH KNVADDYIHT
AACLHSLALE EPTVIKKYLL KVAELFEKLR KVEGRVSSDE DLKLTLLRY YMLNIEAAKD LLYRRTKALI
DYENSKALD KARLKSVDK LAEAHQECC QKFEQLSESA KEELINFKRK RVAAFRKNLI EMSELEIKHA
RNNVSLQSC IDLFKNN.