
Product Data Sheet

Product Name: SNX5 Human
 Cat. No.: GP24653
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Sorting nexin-5 isoform a; Sorting nexin-5; SNX5.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAAVPEL LQQQEEDRSK LRSVSVDLNV DPSLQIDIPD ALSERDKVKFTVHTKTTLPT FQSPEFSVTR QHEDFVWLHD TLIETTDYAG LIIPPAPTKP DFDGPREKMQ KLGEGEGSMTKEEFAKMKQE LEAEYLAVFK KTVSSHEVFL QRLSSHPVLS KDRNFHFVLE YDQDLSVRRK NTKEMFGGFFKSVVKSADDEV LFTGVKEVDD FFEQEKNFLI NYYNRIKDSC VKADKMTRSH KNVADDYIHT AACLHSLALEEPTVIKKYLL KVAELFEKLR KVEGRVSSDE DLKLTLLRY YMLNIEAAKD LLYRRTKALI DYENSNKALDKARLKSVDK LAEAHQEQEC QKFEQLSESA KEELINFKRK RVAAFRKNLI EMSELEIKHA RNNVSLQSCIDLFKNN.		
Formulation	SNX5 protein solution (0.25mg/ml) in phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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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.

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