

Recombinant Human SNX5 protein, T7-tagged

Cat. No. SNX5-128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SNX5 (404 aa) fused with T7 tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	404 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGGQMGRGEFMAAVPELLQQQEEDRSKLRSVSVDLNVDPQLQIDIPDALS ERDKVKFTVHTKTTLPFQS PEFVTRQHEDFVWLHDTLIETTDYAGLIIPPAPTKPD FDGPREKMQKLGEGESEMTKEEFAKMKQELEAEYLAV FKKTVSSHEVFLQRLSSH PVLSKDRNFHVFLEYDQDLSVRRKNTKEMFGGFFKSVVKSADDEVLTGVKEVDDFF E QEKNFLINYNNRIKDSCVKADKMTRSHKNVADDYIHTAACLSLALAEPTVIKKYLL KVAELFEKLRKVEGRVSS DEDLKLTELLRYMLNIEAAKDLLYRRTKALIDYENSNKA LDKARLKSKDVKLAEAHQEQCCQKFEQLSESAKEE LINFKRKRVAAFRKNLIEMSEL EIKHARNNVSLQSCIDLFKNN
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro SNX5 mediated cell receptor internalization regulation study by intracellular delivery of this protein with "ProFectin" reagent.2. May be used

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

for mapping SNX5 protein – protein interaction assay.3. May be used as specific substrate protein for kinase and ubiquitin (Sumo pathway) related enzyme functional screening assays.4. Potential biomarker protein for papillary thyroid carcinoma diagnosis.5. May be used for specific antibody production.

Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name SNX5 sorting nexin 5 [Homo sapiens]

Official Symbol SNX5

Synonyms SNX5; sorting nexin 5; sorting nexin-5; FLJ10931;

Gene ID 27131

mRNA Refseq NM_014426

Protein Refseq NP_055241

MIM 605937

UniProt ID Q9Y5X3

Chromosome Location 20p11

Pathway Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

biosystem;

Function

lipid binding; phosphatidylinositol binding; phosphatidylinositol binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA