

Recombinant Human SNX4, His-tagged

Cat. No. SNX4-31429TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-450 of Human SNX4 with an N terminal His tag; Predicted MWt 53 kDa.
Species	Human
Source	E.coli
ProteinLength	1-450 a.a.
Description	This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein associated with the long isoform of the leptin receptor and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor in cell cultures, but its function is unknown. This protein may form oligomeric complexes with family members.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 128 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MEQAPPDPERQLQPAPLEPLGSPDAGLGAAVGKEAEGAGE ESSGVDTMTHNNFW
 LKKIEISVSEAEKRTGRNAMNMQE TYTAYLIETRSEHTDGGQSVLTDSLWRRYSEFE
 LLRSY LLVYYPHIVPPLPEKRAEFVWHKLSADNMDPDFVERR RIGLENFLLRIASH
 PILCRDKIFYLFLTQEGNWKETVNET GFQLKADSRLKALNATFRVKNPDKRFTDLKH
 YSDELQS VISHLLRVRARVADRLYGVYKVHGNVGRVFSEWSAIEK EMGDGLQSAG
 HHMDVYASSIDDEEHYADQLKEYL FYAEALRAVCRKHELMQYDLEMAAQDLA
 SKKQQCEELV TGTVRTFSLKGMTTKLFGQETPEQREARIKVLEEQINEGE QQLKSK
 NLEGREFVKNAWADIERFKEQKNRDLKEALIS YAVMQISMCKKGIQVWTNAKECFS
 KM

Sequence Similarities

Belongs to the sorting nexin family. Contains 1 PX (phox homology) domain.

Full Length

Full L.

GENE INFORMATION
Gene Name

SNX4 sorting nexin 4 [Homo sapiens]

Official Symbol

SNX4

Synonyms

SNX4; sorting nexin 4; sorting nexin-4; ATG24B;

Gene ID

8723

mRNA Refseq

NM_003794

Protein Refseq

NP_003785

MIM

605931

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Uniprot ID	O95219
Chromosome Location	3q21.2
Pathway	TGF-beta Receptor Signaling Pathway, organism-specific biosystem;
Function	lipid binding; phosphatidylinositol binding; protein binding;

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