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 TYTAYLIETRSVEHTDGQSVLTDSLWRRYSEFE LLRSY LLVYYPHIVVPPLPEKRAEFVWHKLSADNMDPDFVERR RIGLENFLLRIASH PILCRDKIFYLFLTQEGNWKETVNET GFQLKADSRLKALNATFRVKNPDKRFTDLKH YSDELQS VISHLLRVRARVADRLYGVYKVHGNYGRVFSEWSAIEK EMGDGLQSAG HHMDVYASSIDDILEDEEHYADQLKEYL 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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