

Recombinant Human SNX6 Protein, GST-His-tagged

Cat. No. SNX6-411H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human SNX6, transcript variant 1, fused with N-terminal GST and C-terminal His was expressed in E. coli.

Species Human

Source E.coli

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 associates with the long isoform of the leptin receptor, the transforming growth factor-beta family of receptor serine-threonine kinases, and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor. This protein may form oligomeric complexes with family member proteins through interactions of both the PX domain and the coiled coil regions of the molecules. Translocation of this protein from the cytoplasm to the nucleus occurs after binding to proviral integration site 1 protein. This gene results in two transcripts encoding two distinct isoforms.

Form 25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.

Molecular Mass 61.7 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	SNX6 sorting nexin 6 [Homo sapiens]
Official Symbol	SNX6
Synonyms	SNX6; sorting nexin 6; sorting nexin-6; TRAF4-associated factor 2; tumor necrosis factor receptor-associated factor 4(TRAF4)-associated factor 2; TFAF2; MSTP010; MGC3157;
Gene ID	58533
mRNA Refseq	NM_152233
Protein Refseq	NP_689419
MIM	606098
UniProt ID	Q9UNH7

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