

## Recombinant Human SNX3, His-tagged

Cat. No. SNX3-31428TH Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant full length Human SNX3 with an N terminal His tag; 182 amino acids with tag, Predicted MWt 20.9 kDa.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 162 amino acids   |
| <b>Description</b>      | 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 does not contain a coiled coil region, like most family members. This protein interacts with phosphatidylinositol-3-phosphate, and is involved in protein trafficking. |
| <b>Conjugation</b>      | HIS   |
| <b>Molecular Weight</b> | 20.900kDa inclusive of tags   |
| <b>Form</b>             | Liquid  |
| <b>Purity</b>           | >95% by SDS-PAGE  |
| <b>Storage buffer</b>   | Preservative: None<br>Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0  |

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|                                 |  |
|---------------------------------|--|
| <b>Storage</b>                  | Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  |
| <b>Sequences of amino acids</b> | MGSSHHHHHSSGLVPRGSHMAETVADTRRLITKPQNLNDAYGPPSNFLEIDVSNP<br>QTVGVGRGRFTTYEIRVKTNLPIFKLKESTVRRRYSDFEWLRSELERESKVVVPLP<br>GKAFLRQLPFRGDDGIFDDNFIEERKQGLEQFINKVAGHPLAQNERCLHMFLQDEIID<br>KSYTPSKIRHA |
| <b>Sequence Similarities</b>    | Belongs to the sorting nexin family. Contains 1 PX (phox homology) domain.   |

## GENE INFORMATION

|                            |  |
|----------------------------|--|
| <b>Gene Name</b>           | SNX3 sorting nexin 3 [ Homo sapiens ]          |
| <b>Official Symbol</b>     | SNX3   |
| <b>Synonyms</b>            | SNX3; sorting nexin 3; sorting nexin-3; Grd19; |
| <b>Gene ID</b>             | 8724   |
| <b>mRNA Refseq</b>         | NM_003795                                      |
| <b>Protein Refseq</b>      | NP_003786                                      |
| <b>MIM</b>                 | 605930   |
| <b>Uniprot ID</b>          | O60493   |
| <b>Chromosome Location</b> | 6q21   |

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**Function**

lipid binding; phosphatidylinositol-3-phosphate binding; protein binding; protein phosphatase binding;

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