

## Product datasheet for **TP302354M**

### **SNX3 (NM\_003795) Human Recombinant Protein**

#### **Product data:**

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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | Recombinant protein of human sorting nexin 3 (SNX3), transcript variant 1, 100 µg  |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | HEK293T  |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC202354 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|  | <br>MAETVADTRRLITKPQNLNDAYGPPSNFLEIDVSNPQTVGVGRGRFTTYEIRVKTNLPIFKLKESTVRRR<br>YSDFEWLRLSELERESKVVVPLPGKAFLRQLPFRGDDGIFDDNFIEERKQGLEQFINKVAGHPLAQNERC<br>LHMFLQDEIIDKSYTPSKIRHA<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| <b>Tag:</b>                                  | C-Myc/DDK  |
| <b>Predicted MW:</b>                         | 18.6 kDa   |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method   |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| <b>Preparation:</b>                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| <b>Note:</b>                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| <b>Storage:</b>                              | Store at -80°C.  |
| <b>Stability:</b>                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| <b>RefSeq:</b>                               | <a href="#">NP_003786</a>  |
| <b>Locus ID:</b>                             | 8724   |
| <b>UniProt ID:</b>                           | <a href="#">O60493</a>   |
| <b>RefSeq Size:</b>                          | 1777   |



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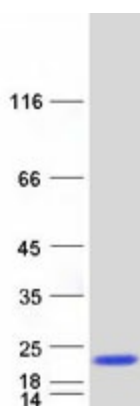
Cytogenetics: 6q21

RefSeq ORF: 486

Synonyms: Grd19; MCOPS8; SDP3

**Summary:** 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. A pseudogene of this gene is present on the sex chromosomes. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014]

### Product images:



Coomassie blue staining of purified SNX3 protein (Cat# [TP302354]). The protein was produced from HEK293T cells transfected with SNX3 cDNA clone (Cat# [RC202354]) using MegaTran 2.0 (Cat# [TT210002]).