

## Product datasheet for **TP301621M**

### **SNX2 (NM\_003100) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human sorting nexin 2 (SNX2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC201621 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAAEREPPPLGDGKPTDFEDLEDGEDLFTSTVSTLESSPSSPEPASLPAEDISANSNGPKPTEVWLDDDR  
EDLFAEATEEVSLDSPEREPILSSEPSPAVTPVPTPTLLIAPRIESKMSAPVIFDRSREEIEEEANGDIF  
DIEIGVSDPEKVGDMNAYMAYRVTTKTSLSMFSKSEFSVKRRFSDFLGLHLSKASKYLHVGIVPPAPE  
KSIVGMTKVKVGKEDSSSTEFVEKRRALERYLQRTVKHPTLLQDPDLRQFLESSELPRAVNTQALSGAG  
ILRMVNKAADAVNKMTIKMNESDAWFEEKQQQFENLDQQLRKLHVSVEALVCHRKELSANTAFAKSAAM  
LGNSDHTALSRALSQLAEEVEEKIDQLHQEQAFADFYMFSELLSDYIRLIAAVKGVFDHRMKCWQKWEDA  
QITLLKKREAEAKMMVANKPKDIQQAKNEIREWEAKVQQGERDFEQISKTIRKEVGRFEKERVKDFKTVI  
IKYLESLVQTQQQLIKYWEAFLPEAKAIA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 58.3 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_003091](#)

Locus ID: 6643

UniProt ID: [O60749](#)

RefSeq Size: 6559

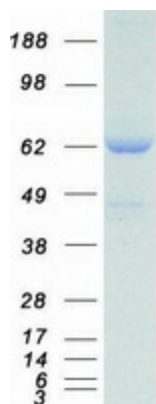
Cytogenetics: 5q23.2

RefSeq ORF: 1557

Synonyms: TRG-9

**Summary:** This gene belongs to the sorting nexin family whose members contain the phosphoinositide-binding phox (PX) domain. The encoded protein is a component of the retromer complex which plays a role in protein sorting in the endocytic pathway. This protein may form oligomeric complexes with other family members. Alternate splicing results in multiple transcript variants of this gene. Pseudogenes associated with this gene are located on chromosomes 1 and 7. [provided by RefSeq, May 2013]

### Product images:



Coomassie blue staining of purified SNX2 protein (Cat# [TP301621]). The protein was produced from HEK293T cells transfected with SNX2 cDNA clone (Cat# [RC201621]) using MegaTran 2.0 (Cat# [TT210002]).