

## Product datasheet for TP317529

### Syntaxin 2 (STX2) (NM\_194356) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human syntaxin 2 (STX2), transcript variant 2, 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC217529 representing NM\_194356  
**Red**=Cloning site **Green**=Tags(s)

MRDRLPDLTACRKNDDGDTVWVEKDFHMDFFHQVEEIRNTIDKITQYVEEVKKNHNSIILSAPNPEGKI  
KEELEDLNKEIKKTANKIRAKLKAIEQSFQDESGNRTSVDLRIRRTQHSVLSRKFVEAMAQYNEAQLF  
RERSKGRIQRQLEITGRITTTDDELEEMLESGKPSIFTSDIISDSQITRQALNEIESRHKDIMKLETSIRE  
LHEMFMDMAMFVETQGEMINNIERNVMNATDYVEHAKEETKKAIKYQSKARRKKWIIAVSVVLVAIAL  
IIGLSVGK

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 33.2 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.  
**RefSeq:** [NP\\_919337](#)  
**Locus ID:** 2054



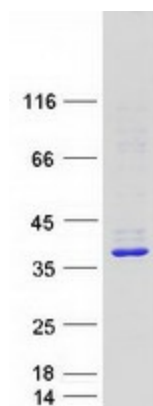
[View online »](#)

UniProt ID: [P32856](#)  
RefSeq Size: 3469  
Cytogenetics: 12q24.33  
RefSeq ORF: 864  
Synonyms: EPIM; EPM; STX2A; STX2B; STX2C

**Summary:** The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane  
**Protein Pathways:** SNARE interactions in vesicular transport

### Product images:



Coomassie blue staining of purified STX2 protein (Cat# TP317529). The protein was produced from HEK293T cells transfected with STX2 cDNA clone (Cat# [RC217529]) using MegaTran 2.0 (Cat# [TT210002]).