

## Product datasheet for **TP300658M**

### Syntaxin 3 (STX3) (NM\_004177) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human syntaxin 3 (STX3), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC200658 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MKDRLEQLKAKQLTQDDDDAVEIAIDNTAFMDEFFSEIEETRLNIDKISEHVVEEAKKLYSIILSAPIPE  
PKTKDDLEQLTTEIKKRANNVRNKLKSMEKHIEEDEVSSADLRIRKSQHSVLSRKFVEVMTKYNEAQVD  
FRERSKGRIQRQLEITGKKTDEELEEMLESGNPAIFTSGIIDSQISKQALSEIEGRHKDIVERLESSIKE  
LHDMFMDIAMLVENQGEMLDNIELNVMHTVDHVEKARDETKKAVKYQSQARKKLIIVLVVLLGILAL  
IIGLSVGLN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 33 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\\_004168](#)  
**Locus ID:** 6809



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UniProt ID: [Q13277](#), [Q53YE2](#)

RefSeq Size: 6498

Cytogenetics: 11q12.1

RefSeq ORF: 867

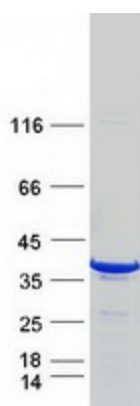
Synonyms: STX3A

**Summary:** The gene is a member of the syntaxin family. The encoded protein is targeted to the apical membrane of epithelial cells where it forms clusters and is important in establishing and maintaining polarity necessary for protein trafficking involving vesicle fusion and exocytosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

**Protein Families:** Druggable Genome, Stem cell - Pluripotency, Transmembrane

**Protein Pathways:** SNARE interactions in vesicular transport

### Product images:



Coomassie blue staining of purified STX3 protein (Cat# [TP300658]). The protein was produced from HEK293T cells transfected with STX3 cDNA clone (Cat# [RC200658]) using MegaTran 2.0 (Cat# [TT210002]).