

## Product datasheet for **TP302060M**

### STOM (NM\_004099) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human stomatin (STOM), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC202060 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAEKRHTRDSEAQRLPDSFKDSPSKGLGPCGWILVAFSFLFTVITFPISIWMCIKIKEYERAIIFRLGR  
ILQGGAKGPGLFFILPCTDSFIKVD MRTISFDIPPQEILTKDSVTISVDGWYYRVQ NATLAVANITNAD  
SATRLLAQTTLRNVLGTKNLSQILSDREEIAHNMQSTLDDATDAWGKVERVEIKDKLPVQLQRAMAAE  
AEASREARAKVIAAEGEMNASRALKEASMVITEYPAALQLRYLQTLTTIAAEKNSTIVFPLPIDMLQGII  
GAKHSHLG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 31.6 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\\_004090](#)

**Locus ID:** 2040



[View online »](#)

UniProt ID: [P27105](#), [A0A024R882](#)

RefSeq Size: 3198

Cytogenetics: 9q33.2

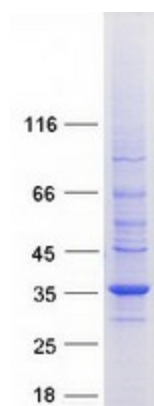
RefSeq ORF: 864

Synonyms: BND7; EPB7; EPB72

**Summary:** This gene encodes a member of a highly conserved family of integral membrane proteins. The encoded protein localizes to the cell membrane of red blood cells and other cell types, where it may regulate ion channels and transporters. Loss of localization of the encoded protein is associated with hereditary stomatocytosis, a form of hemolytic anemia. There is a pseudogene for this gene on chromosome 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified STOM protein (Cat# [TP302060]). The protein was produced from HEK293T cells transfected with STOM cDNA clone (Cat# [RC202060]) using MegaTran 2.0 (Cat# [TT210002]).