

## Product datasheet for TP302060

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human stomatin (STOM), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202060 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAEKRHTRDSEAQRLPDSFKDSPSKGLGPCGWILVAFSFLFTVITFPISIWMCIKIKEYERAIIFRLGR ILQGGAKGPGLFFILPCTDSFIKVD MRTISFDIPPQEILTKDSVTISVDGWYYRVQ NATLAVANITNAD SATRLLAQTTLRNVLGTKNLSQILSDREEIAHNMQSTLDDATDAWGIVKVERVEIKDKLPVQLQRAMAAE AEASREARAKVIAAEGEMNASRALKEASMVITEYPAALQLRYLQTLTTIAAEKNSTIVFPLPIDMLQGII GAKHSHLG</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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:	<u><a href="#">NP_004090</a></u>
Locus ID:	2040



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

RefSeq Size: 3198

Cytogenetics: 9q33.2

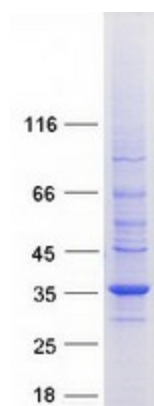
RefSeq ORF: 864

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]).