Product datasheet for TP303589M

SMAGP (NM_001033873) Human Recombinant Protein
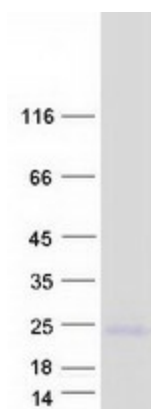
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human small trans-membrane and glycosylated protein (LOC57228), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203589 protein sequence Red=Cloning site Green=Tags(s) MTSLLTTPSPREELMTTPILQPTEALSPEDGASTALIAVVITVVFLTLLSVVILIFFYLYKNKGSYVTYE PTEGEPSAIVQMESDLAKGSEKEEYFI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	10.5 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_001029045
Locus ID:	57228
UniProt ID:	Q0VAQ4
RefSeq Size:	1076

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Cytogenetics:	12q13.13
RefSeq ORF:	291
Synonyms:	hSMAGP
Summary:	May play a role in epithelial cell-cell contacts. May play a role in tumor invasiveness and metastasis formation.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:

Coomassie blue staining of purified SMAGP protein (Cat# [TP303589]). The protein was produced from HEK293T cells transfected with SMAGP cDNA clone (Cat# [RC203589]) using MegaTran 2.0 (Cat# [TT210002]).