

## Product datasheet for TP523526

### Tmem27 (NM\_020626) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse collectrin, amino acid transport regulator (Cltrn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223526 representing NM_020626 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MLWALFFLVTTIHAELCHPDAENAFKVRLSIRAALGDKAYVWDTDQEYLFRAMVAFSMRKVPNREATEIS HVLLCNITQRVSFWFVTDPSNNYTLPAAEVQSAIRKNRNRINSAFFLDDHTLEFLKIPSTLAPPMESV PVWIVFGVFCIVTVAIALLVLSGIRQRRRNKGGPPGVEDAEDKCENIITIENGIPCDPLDMKGGHIND GFLTEDERLTPL  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-MYC/DDK
Predicted MW:	25.5 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
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 after receiving vials.
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:	<a href="#">NP_065651</a>
Locus ID:	57394
UniProt ID:	<a href="#">Q9ESG4</a>
RefSeq Size:	1262


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<b>Cytogenetics:</b>	X F5
<b>RefSeq ORF:</b>	666
<b>Synonyms:</b>	0610008J07Rik; NX-17; NX17
<b>Summary:</b>	Plays an important role in amino acid transport by acting as binding partner of amino acid transporters SLC6A18 and SLC6A19, regulating their trafficking on the cell surface and their activity (PubMed:17167413). Regulator of SNARE complex function (PubMed:16330323). Stimulator of beta cell replication (PubMed:16330324).[UniProtKB/Swiss-Prot Function]