

## Product datasheet for TP501113

### Mal (NM\_010762) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myelin and lymphocyte protein, T cell differentiation protein (Mal), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201113 protein sequence Red=Cloning site Green=Tags(s)
	MAPAAASGGSTLPSGFSVFTTFPDLLFVCEVFVGGGLVWILIASSLVPLPLAQGWVMFVSVFCFVATTSLM ILYIIGTHGGETSWITLDAAYHCVAALFYLSASVLEALATISMFDGFTYKHYHENIAAVVFAYVVTLIYV VHAVFSLIRWKSS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	16.6 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
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_034892</a>
Locus ID:	17153
UniProt ID:	<a href="#">O09198</a>
RefSeq Size:	2792
Cytogenetics:	2 F1



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RefSeq ORF: 462

Synonyms: Mpv17; VI; Vip17

**Summary:** This gene encodes a highly hydrophobic integral membrane protein belonging to the MAL family of proteolipids. The encoded protein has been localized to the endoplasmic reticulum of T-cells and is a candidate linker protein in T-cell signal transduction. In addition, this proteolipid is localized in compact myelin of cells in the nervous system and has been implicated in myelin biogenesis and/or function. The protein plays a role in the formation, stabilization and maintenance of glycosphingolipid-enriched membrane microdomains. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2010]