

Recombinant Mouse Mal Protein, Myc/DDK-tagged

Cat. No. Mal-3909M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myelin and lymphocyte protein, T cell differentiation protein (Mal), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	16.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Mal myelin and lymphocyte protein, T cell differentiation protein [Mus musculus (house mouse)]

Official Symbol Mal

Synonyms MAL; myelin and lymphocyte protein, T cell differentiation protein; myelin and lymphocyte protein; T-lymphocyte maturation-associated protein; myelin and lymphocyte protein, T-cell differentiation protein; Mpv17; Vip17

Gene ID 17153

mRNA Refseq NM_010762

Protein Refseq NP_034892

UniProt ID O09198

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