

Recombinant Mouse Marchf8 Protein, Myc/DDK-tagged

Cat. No. Marchf8-3958M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length membrane-associated ring finger (C3HC4) 8 (March8), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a member of the membrane-associated really interesting new gene-CH family of proteins. These proteins are E3 ubiquitin-protein ligases that modulate antigen presentation by downregulating major histocompatibility complex class II surface expression through endocytosis. The transcript is primarily expressed by dendritic cells and macrophages. Overexpression of this gene in antigen presenting cells results in immune defective phenotypes, including resistance to autoimmune disease onset. Alternative splicing results in multiple transcript variants.
Molecular Mass	32.2 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	Marchf8 membrane associated ring-CH-type finger 8 [Mus musculus (house mouse)]
Official Symbol	Marchf8
Synonyms	Marchf8; membrane associated ring-CH-type finger 8; M; Mir; Marc; March8; MARCH-VIII; 1300017E09Rik; E3 ubiquitin-protein ligase MARCHF8; E3 ubiquitin-protein ligase MARCH8; RING-type E3 ubiquitin transferase MARCH8; RING-type E3 ubiquitin transferase MARCHF8; c-mir, cellular modulator of immune recognition; cellular modulator of immune recognition; membrane-associated RING finger protein 8; membrane-associated RING-CH protein VIII; membrane-associated ring finger (C3HC4) 8; EC 2.3.2.27
Gene ID	71779
mRNA Refseq	NM_027920
Protein Refseq	NP_082196
UniProt ID	Q9DBD2