

Recombinant Mouse Tmie Protein, Myc/DDK-tagged

Cat. No. Tmie-6520M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transmembrane inner ear (Tmie), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Unknown. The protein may play some role in a cellular membrane location. May reside within an internal membrane compartment and function in pathways such as those involved in protein and/or vesicle trafficking. Alternatively, the mature protein may be localized in the plasma membrane and serve as a site of interaction for other molecules through its highly charged C-terminal domain.
Molecular Mass	17.5 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.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tmie transmembrane inner ear [Mus musculus (house mouse)]
Official Symbol	Tmie
Synonyms	Tmie; transmembrane inner ear; sr; Mm.87012; 5131400L21Rik; transmembrane inner ear expressed protein; spinner
Gene ID	20776
mRNA Refseq	NM_146260
Protein Refseq	NP_666372
UniProt ID	Q8K467

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