

Recombinant Mouse Tmem41b Protein, Myc/DDK-tagged

Cat. No. Tmem41b-6507M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transmembrane protein 41B (Tmem41b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for autophagosome formation. Participates in early stages of autophagosome biogenesis at the ER membrane probably via mobilization of neutral lipids from lipid droplets. Required for normal motor neuron development. Essential for embryonic development.
Molecular Mass	32.9 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	Tmem41b transmembrane protein 41B [Mus musculus (house mouse)]
Official Symbol	Tmem41b
Synonyms	TMEM41B; transmembrane protein 41B; AU018901; D7Ert70e; D7Ert743e; 1500015G02Rik; 1500031M19Rik; MGC38847
Gene ID	233724
mRNA Refseq	NM_153525
Protein Refseq	NP_705745
UniProt ID	Q8K1A5

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