Recombinant Mouse Tmem189 Protein, Myc/DDK-tagged

Cat. No. Tmem189-6486M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transmembrane protein 189 (Tmem189), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plasmanylethanolamine desaturase involved in plasmalogen biogenesis in the endoplasmic reticulum membrane. Plasmalogens are glycerophospholipids with a hydrocarbon chain linked by a vinyl ether bond at the glycerol sn-1 position, and are involved in antioxidative and signaling mechanisms.
Molecular Mass	31.1 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Tmem189 transmembrane protein 189 [Mus musculus (house mouse)]
Official Symbol	Tmem189
Synonyms	Tmem189; transmembrane protein 189; Kua; PEDS1; AI840826; plasmanylethanolamine desaturase; plasmanylethanolamine desaturase 1; tmem189; ubiquitin-conjugating enzyme variant Kua; EC 1.14.19.77
Gene ID	407243
mRNA Refseq	NM_145538
Protein Refseq	NP_663513
UniProt ID	Q99LQ7

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