

Recombinant Mouse Tmem266 Protein, Myc/DDK-tagged

Cat. No. Tmem266-1570M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length expressed sequence AI118078 (cDNA clone MGC:92972 IMAGE:6835202), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Voltage-sensor protein present on the post-synaptic side of glutamatergic mossy fibers and granule cells in the cerebellum. Despite the presence of a voltage-sensor segment, does not form a functional ion channel and its precise role remains unclear. Undergoes both rapid and slow structural rearrangements in response to changes in voltage. Contains a zinc-binding site that can regulate the slow conformational transition.
Molecular Mass	33.6 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.
Concentration	>50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Tmem266 transmembrane protein 266 [Mus musculus (house mouse)]

Official Symbol Tmem266

Synonyms Tmem266; transmembrane protein 266; HVRP1; AI1180; AI118078; 9630029F15; transmembrane protein 266; Hv1 related protein 1; transmembrane protein C15orf27 homolog

Gene ID 244886

mRNA Refseq NM_172923

Protein Refseq NP_766511

UniProt ID Q8BZB3

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