

Recombinant Mouse Gpd1l Protein, Myc/DDK-tagged

Cat. No. Gpd1l-3286M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glycerol-3-phosphate dehydrogenase 1-like (Gpd1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in regulating cardiac sodium current; decreased enzymatic activity with resulting increased levels of glycerol 3-phosphate activating the DPD1L-dependent SCN5A phosphorylation pathway, may ultimately lead to decreased sodium current; cardiac sodium current may also be reduced due to alterations of NAD(H) balance induced by DPD1L.
Molecular Mass	38.2 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.
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 Gpd1l glycerol-3-phosphate dehydrogenase 1-like [Mus musculus (house mouse)]

Official Symbol Gpd1l

Synonyms GPD1L; glycerol-3-phosphate dehydrogenase 1-like; glycerol-3-phosphate dehydrogenase 1-like protein; D9Ertd660e; 2210409H23Rik

Gene ID 333433

mRNA Refseq NM_175380

Protein Refseq NP_780589

UniProt ID Q3ULJ0

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