

## Recombinant Mouse Gpd1l Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length glycerol-3-phosphate dehydrogenase 1-like (Gpd1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	38.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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