

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

Cat. No. Pigx-4857M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length phosphatidylinositol glycan anchor biosynthesis, class X (Pigx), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a type I transmembrane protein in the endoplasmic reticulum (ER). The protein is an essential component of glycosylphosphatidylinositol-mannosyltransferase I, which transfers the first of the four mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Studies in rat indicate that the protein is translated from a non-AUG translation initiation site. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Molecular Mass</b>	17 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

<b>Gene Name</b>	Pigx phosphatidylinositol glycan anchor biosynthesis, class X [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Pigx
<b>Synonyms</b>	PIGX; phosphatidylinositol glycan anchor biosynthesis, class X; phosphatidylinositol-glycan biosynthesis class X protein; phosphatidylinositol glycan, class X; PIG-X; 2010319C14Rik
<b>Gene ID</b>	72084
<b>mRNA Refseq</b>	NM_024464
<b>Protein Refseq</b>	NP_077784
<b>UniProt ID</b>	Q99LV7

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