Recombinant Mouse Pigx Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphatidylinositol glycan anchor biosynthesis, class X (Pigx), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	17 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	Pigx phosphatidylinositol glycan anchor biosynthesis, class X [Mus musculus (house mouse)]
Official Symbol	Pigx
Synonyms	PIGX; phosphatidylinositol glycan anchor biosynthesis, class X; phosphatidylinositol-glycan biosynthesis class X protein; phosphatidylinositol glycan, class X; PIG-X; 2010319C14Rik
Gene ID	72084
mRNA Refseq	NM_024464
Protein Refseq	NP_077784
UniProt ID	Q99LV7

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