

## Product datasheet for TP328208

### PIGX (NM\_001166304) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class X (PIGX), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228208 representing NM_001166304 Red=Cloning site Green=Tags(s)
	LDPVPRRSAAAIALAARVAAVRAAWLLLGAATGLTRGPAAAF TAARSDAGIRAMCSEILRQEV LK DGF HRDLLIKVKFGESIEDLHTCRL LIKQDIPAGLYVDPYELASLRERNITEAVMVSENF DIEAPNYLSKESE VLIYARRDSQCIDCFQAF LPVHCRYHRPHSE DGEASIVNNPDLLMFCDQAGSRRMIRFRFDSFDKTIEF PILKCWAHSEVAAPCALENEDICQWNKMKYKSVYKNVILQVPVGLTVHTSLVCSVTLLITL CSTLILVA VFKYGHFSL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	28.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_001159776</a></u>
Locus ID:	54965



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UniProt ID: [Q8TBF5](#)

Cytogenetics: 3q29

RefSeq ORF: 867

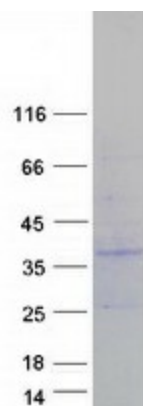
Synonyms: PIG-X

**Summary:** 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

**Protein Families:** Transmembrane

**Protein Pathways:** Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

### Product images:



Coomassie blue staining of purified PIGX protein (Cat# TP328208). The protein was produced from HEK293T cells transfected with PIGX cDNA clone (Cat# [RC228208]) using MegaTran 2.0 (Cat# [TT210002]).