

Product datasheet for **TP328208L**

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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228208 representing NM_001166304 Red =Cloning site Green =Tags(s)
	LDPVPRRSAAAIALAARVAAVRAAAWLLLGAATGLTRGPAAAFSTAARSADAGIRAMCSEIILRQEVLDKGF HRDLLIKVKFGESIEDLHTCRLLIKQDIPAGLYVDPYELASLRERNITEAVMVSENFIDIEAPNYLSKESE VLIYARRDSQCIDCFQAFPLPVHCRYHRPHSEDEASIVNPNPDLDMFCDQAGSRRMIRFRFDSFDKTIEF PILKCWAHSEVAAPCALENEDICQWNKMKYKSVYKNVILQVPVGLTVHTSLVCSVTLLITLILCSTLILVA 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:	NP_001159776
Locus ID:	54965



[View online »](#)

UniProt ID: [Q8TBF5](#)

Cytogenetics: 3q29

RefSeq ORF: 867

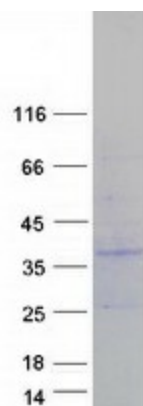
Synonyms: PIG-X

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]).