

Product datasheet for **TP762565**

PIGX (NM_017861) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human phosphatidylinositol glycan anchor biosynthesis, class X (PIGX), transcript variant 2, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of PIGX
Tag:	N-GST and C-HIS
Predicted MW:	24.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50mM Tris, pH8.0, 8M Urea
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060331
Locus ID:	54965
UniProt ID:	Q8TBF5
RefSeq Size:	3052
Cytogenetics:	3q29
RefSeq ORF:	651
Synonyms:	PIG-X



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Summary:

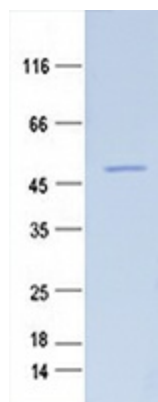
This gene encodes a type I transmembrane protein in the endoplasmic reticulum (ER). The protein is an essential component of glycosylphosphatidylinositol-mannosyltransferase I, which transfers the first of the four mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Studies in rat indicate 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 PIXG protein (Cat #TP762565). The protein was produced from E.coli.