

Recombinant Full Length Human Phosphatidylinositol N-Acetylglucosaminyltransferase Subunit Q(Pigq) Protein, His-Tagged

Cat. No. RFL18475HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q(PIGQ) Protein (Q9BRB3) (2-760aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-760)
Form	Lyophilized powder
AA Sequence	VLKAFFPTCCVSTDGSLLVGRWVPEQSSAVVLAVLHFPFIPIQVKQLLAQVRQASQV GVA VLGTWCHCRQEPEESLGRFLES LGAVFPHEPWLRLCRERGGTFWSCEATHR QAPTAPGAP GEDQVMLIFYDQRQVLLSQLHLPTVLPDRQAGATTASTGGAAVFDT VARSEVLFRSDRF DEGPVRLSHWQSEGVEASILAELARRASGPICLLLASLLSLVSA VSACRVFKLWPLSFLG SKLSTCEQLRHRLEHLTLIFSTRKAENPAQLMRKANTVASV LLDVALGLMLLSWLHGRSR IGHLADALVPVADHVAEELQHLLQWLMGAPAGLKMN RALDQVLGRFFLYHIHLWISYIHL MSPFVEHILWHVGLSACLGLTVALSLLSDIALLTF HIYCFYVYGARLYCLKIHGLSSLW RLFRGKKWNVLRQQRVDSCSYDLDDQLFIGTLLFTI LLFLLPTTALYYLVFTLLRLLVVAVQ GLIHLLVDLINSPLYSGLRLCRPYRLADKPTA LQPRGAHLPPPQLWLPPQALLGRPVP QAVPWGAHLPLEAERGQAGLRELLARLAP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PHGHSQPSALPGWHQLSWRMSALWTLLCAP EHGRPCYHTLGLEVIGSEQMWG
 WPARLAALHHWHCLPWDPLPTCCGHHGGEHSNPRCPEH CPMPTLCTQVQVRVP
 PQQPQVEGWSPWGLPSGSALAVGVEGPCQDEPPSPRHPLAPSAEQ HPASGGLK
 QSLTPVPSGPGPSLPEPHGVYLRMFPGEVAL

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name PIGQ

Synonyms PIGQ; GPI1; Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q; N-acetylglucosamyl transferase component GPI1; Phosphatidylinositol-glycan biosynthesis class Q protein; PIG-Q

UniProt ID [Q9BRB3](https://www.uniprot.org/entry/Q9BRB3)

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