



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PIGQ (Human) Recombinant Protein (P01)

**Catalog Number:** H00009091-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PIGQ full-length ORF ( NP\_683721.1, 1 a.a. - 760 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MVLKAFPTCCVSTDSGLLVGRWVPEQSSAVVLAVLH  
FPFIQVKQLLAQVRQASQVGVAVLGTWCHCRQEPE  
ESLGRFLESLGAVFPHEPWLRRCRERGGTFWSCEAT  
HRQAPTAPGAPGEDQVMLIFYDQRQVLLSQLHLPTVL  
PDRQAGATTASTGGLAAVFDTVARSEVLFRRSDFDEG  
PVRLSHWQSEGVEASILAELARRASGPICLLLASLLSLV  
SAVSACRVFKLWPLSFLGSKLSTCEQLRHRLEHLTLIF  
STRKAENPAQLMRKANTVASVLLDVALGLMLLSWLHG  
RSRIGHLADALVPVADHVAEELQHLLQWLMGAPAGLK  
MNRALDQVLGRFFLYHIHLWISYIHLMSPFVEHILWHV  
GLSACLGLTVALSLLSDIIALLTFHIYCFYVYGARLYCLKI  
HGLSSLWRLFRGKKWNVLRQRVDSCSYDLQDLFIGTL  
LFTILLFLLPTTALYYLVFTLLRLLVAVQGLIHLLVDLIN  
SLPLYSLGLRRCRYPRLADKPTALQPRGAHLPPPQLW  
LPPQALLGRPVQAVPWGAHLPLEAERGQAGLRELLA  
RLAPPHGHSQPSALPGWHQLSWRMSALWTLCAPE  
HGRPCYHTLGLLEVIGSEQMWGWPARLAALHHWHCLP  
WDPLPTCCGHHGGEHSNPRCPEHCPMPTLCTQVQR  
VRPPQQPQVEGWSPWGLPSGSALAVGVEGPCQDEP  
PSPRHPLAPSAEQHPASGGLKQSLTPVPSGPGPSLPE  
PHGVYLRMFGEVAL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 110.5

**Interspecies Antigen Sequence:** Mouse (83); Rat (83)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression](#)

[system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 9091

**Gene Symbol:** PIGQ

**Gene Alias:** GPI1, MGC12693, c407A10.1, hGPI1

**Gene Summary:** This gene is involved in the first step in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes a N-acetylglucosaminyl transferase component that is part of the complex that catalyzes transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). [provided by RefSeq]