

Datasheet for ABIN7561598
PIGB Protein (AA 1-542) (His tag)



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Overview

Quantity:	1 mg
Target:	PIGB
Protein Characteristics:	AA 1-542
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGB protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Pigb Protein expressed in mammalian cells.
Sequence:	<p>MESQAADYNP ASRNLHGSSG EMKLRRRKSR QYVSAQEKRS PRRGLLGENT YLVLFTIALR ILNCFVLVQTS FVPDEYWQSL EVAHRMVSFY GYLWTEWTER LRGYTYPLIF ASYKVLHLL GKDSVQFLIW IPRLGQALLS AVADIRLYSL LKQLENQEVA QWVFLCQLCS WFTWYCCTRT LTNTMETS LTALALFYYPLE GSRVNSVKY SLLVALACVV RPTALIPWVP LLFRHFYQEQ RKLHLTLHHF LPVGFITFSL SLIIDRIFFG QWTLVQLNFL KFNVLQNLGT FYGSHPW HWY LSQGFVVLG THLPFFIHGC FLAPRRLHIL LLTVLWTLV YSMLGHKEFR FIYPVLPFCM VFCGYSLAHL KTWKKAALS LLLSNVPLAF YTGLVHQRGT LDVMNHIQKV CPRGPD PASA SVFIMMPCHS TPYYSHVHCP LSMRFLQCPP DLTGKTQYLD EADM FYLNPL RWLQ QEFHSN ASLPTHLVTF NVLEKEINTF LTSGNYERAA TFFH THWPER RTGSHIHVYE RRLPGRVNTG GN</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PIGB

Alternative Name: [Pigb \(PIGB Products\)](#)

Background: GPI mannosyltransferase 3 (EC 2.4.1.-) (GPI mannosyltransferase III) (GPI-MT-III) (Phosphatidylinositol-glycan biosynthesis class B protein) (PIG-B),FUNCTION: Mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers the third alpha-1,2-mannose to Man2-GlcN-acyl-PI during GPI precursor assembly (By similarity). {ECO:0000250}.

Molecular Weight: 63.1 kDa

UniProt: [Q9JJQ0](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
