

Datasheet for ABIN7550777

PIGM Protein (AA 1-423) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PIGM
Protein Characteristics:	AA 1-423
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGM protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PIGM Protein expressed in mammalian cells.
Sequence:	MGSTKHWGEW LLNLKVAPAG VFGVAFLARV ALVFYGVFQD RTLHVRYTDI DYQVFTDAAR FVTEGRSPYL RATYRYTPLL GWLLTPNIYL SELFGKFLFI SCDLLTAFLL YRLLLLKGLG RRQACGYCVF WLLNPLPMAV SSRGNADSIV ASLVLMVLYL IKKRLVACAA VFYGFVHMK IYPVTYILPI TLHLLPDRDN DKSLRQFRYT FQACLYELLK RLCNRAVLLF VAVAGLTFFA LSFGFYEYEG WEFLEHTYFY HLTRRDIRHN FSPYFYMLYL TAESKWSFSL GIAAFLPQLI LLSAVSFAYY RDLVFCCFLH TSIFVTFNKV CTSQYFLWYL CLLPLVMPLV RMPWKRAVVL LMLWFIGQAM WLAPAYVLEF QGKNTFLFIW LAGLFFLLIN CSILIQIISH YKEEPILTERI KYD 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.
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot
Grade:	custom-made

Target Details

Target:	PIGM
Alternative Name:	PIGM (PIGM Products)
Background:	GPI mannosyltransferase 1 (EC 2.4.1.-) (GPI mannosyltransferase I) (GPI-MT-I) (Phosphatidylinositol-glycan biosynthesis class M protein) (PIG-M),FUNCTION: Mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers the first alpha-1,4-mannose to GlcN-acyl-PI during GPI precursor assembly. {ECO:0000269 PubMed:11226175}.
Molecular Weight:	49.5 kDa
UniProt:	Q9H3S5
Pathways:	Inositol Metabolic Process , Cellular Glucan Metabolic Process

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

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