

Datasheet for ABIN7558250
PIGV Protein (AA 1-493) (His tag)



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Overview

Quantity:	1 mg
Target:	PIGV
Protein Characteristics:	AA 1-493
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGV protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pigv Protein expressed in mammalien cells.
Sequence:	<p>MGLLDPSQKE VLRFAVNCRI LTLVLQALFN LIIPDHHADA FCPPRLAPSG SADQLVEGLL GGLSRWDAEH FLFIAEHGYL YEHNFAFFPG FPLALLMGTE LLRPLQGLLS QRSCLLVSV LLNLLFSVLA AVALHDLGCL VLHCPRQALC AALLFCISPA NVFLAAGYSE ALFAFLTFS MGQLERGRGW ASGLLALAA GVRSNGLVSL GFLLSQCRG FCSSLAVLSP WKPLVKLMAS VCLSVLIVSL PFALFQYRAY IQFCSPGSAP SIPELLQLA ADKGYRLAGE NAPPWCSDWL PLIYNIQDV YWNVGLLRYE ELKQVPNFLL ATPVTVLVVW ATWTYVTTTHP WLCLTLGLQR TKDRENPEKP HRGFLSPKVF VYLVHAAALL VFGGLCMHVQ VLTRFLASST PIMYWFAHL LQDQEPLLRC VDTEPGKLPQ EKSPPGQKAP RNCLMKLFYD WKRCSPVTRC VLVYFLTYWL LGLLHCNLF PWT 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

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, Western Blot

Grade:

custom-made

Target Details

Target:

PIGV

Alternative Name:

Pigv ([PIGV Products](#))

Background:

GPI mannosyltransferase 2 (EC 2.4.1.-) (GPI mannosyltransferase II) (GPI-MT-II) (Phosphatidylinositol-glycan biosynthesis class V protein) (PIG-V),FUNCTION: Alpha-1,6-mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers the second mannose to the glycosylphosphatidylinositol during GPI precursor assembly (By similarity). {ECO:0000250}.

Molecular Weight:

55.0 kDa

UniProt:

[Q7TPN3](#)

Pathways:

[Inositol 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

Application Details

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