

Datasheet for ABIN7565192
PIGN Protein (AA 1-931) (His tag)



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Overview

Quantity:	1 mg
Target:	PIGN
Protein Characteristics:	AA 1-931
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGN protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pign Protein expressed in mammalien cells.
Sequence:	MLLFFALGLL IHFVFFASIF DIYFTSPLVH GMTPQFTPLP PPAKRLVLFV ADGLRADTLY ELDEDGNSRA PFIRNVIIHE GSWGVSHTRV PTESRPGHVA LIAGFYEDVS AVAKGWKENP VEFDSLFINES KYTWSWGSPD ILPMFAKGAS GDHVYTYSD AQREDFGAHD ATKLDTWVFD KVKDFFDAAR NNQSLFTKVN EEKVFFLHL LGIDTNGHAH RPSSREYKDN IKKVDDGVKE IVSIFKHFYG DDGKTAFIFT SDHGMTDWGS HGAGHPSETL TPFVTWGAGI KFPQNVSAQQ YDDEFLKEWR LENWKRRDVN QADIAPLMAS LIGVPFPLNS VGILPVGYNL NTGLFKAESM FTNAVQILEQ FKVKMTQKKE ATLPFLTPF KLLSDSQQLD ILRKARSYIK QEKFDEVVSL CEELIDLALR GLSYYHTYDR LFLGINVAVG FVGWMSYTSL LIIKSHSNIP KGTRKEGKKP HCLLLYSFIA TGLVLACFLM IQACPWTYYV YCLLPVPIWY AVLREHEVIQ DLVESLLTFP RSHFVAYLLV FTLGIEVLVL SFFYRYMLTA GLIVFAGWPF LTQLWTRAKI TFLSWAFFSL LLAVFPLMPV VGRKPNLSLV MGAGFLVLLL SLAVVTTLGK RNIKLVKGEL LVLLLQMLST

Product Details

VLSMYVVYST HHSLLKKEGL PLMNQIVSWA TLASSLVAPL LSSTALSQRL ASILLSLMST
YLLLSTGYEA LFPLVLSCLM FVWIQVEQET LQQPGVSCCKQ KLTSIQFTCD TDIAQFRQLC
PDDIRRAFFL VFFLLTAFFG TGNIASINSF DLASVYCFLT VFSPFMMGAL MMWKILIPFV
LVMCAFEAVQ ITTQLSSKGL FLVVLISDI MALHFFFLVK DSGSWLDIGT SISHYVIVMS
MTIFLVFLNG LAQLLTTKKL QLCGKPKSHL M

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:

- 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:

PIGN

Alternative Name:

Pign ([PIGN Products](#))

Background:

GPI ethanolamine phosphate transferase 1 (EC 2.-.-) (Phosphatidylinositol-glycan biosynthesis class N protein) (PIG-N),FUNCTION: Ethanolamine phosphate transferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers ethanolamine phosphate to the first alpha-1,4-linked mannose of the glycosylphosphatidylinositol precursor of GPI-anchor. May act as suppressor of replication stress and chromosome missegregation.

Target Details

{ECO:0000269|PubMed:10574991}.

Molecular Weight: 105.0 kDa

UniProt: [Q9R1S3](#)

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 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