

Datasheet for ABIN7565102
PIGO Protein (AA 1-1093) (His tag)



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Overview

Quantity:	1 mg
Target:	PIGO
Protein Characteristics:	AA 1-1093
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGO protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pigo Protein expressed in mammalien cells.
Sequence:	<p>MRKVSVLLFL AWCFLFYAG IALFTSGFLL TRLELTNQSS CQELPGGPL PWGSHGKPGA CWMPSRFSRV VLVLIDALRF DFAQPQRSHV PGEPPVSVPF LGKLGSLQRI LESQPHHGRL YRSQVDPPTT TMQRLKALTT GSLPTFIDAG SNFASHAIVE DNVIQLNSA GRRVFMGDD TWRDLFPGAF SQAFFSSFN VRDLHTVDNG ILEHLYPTLD GGSWDVLI AH FLGVDHCGHK HGPHHPPEMAK KLSQMDQVIQ GLIERLENDT LLVAGDHGM TMNGDHGGDS ELEVSAALFL YSPTALFPSV PPEEPEVIPQ VSLVPTLALL LGLPIPGNT GEVMAELFSG GSDSSHPHSS ALAQVSALHI NAQQVSRFLH TYSAATQLDQ VKELHRLQTL FSKASARYQH FLRDPQEAEA ALSTLTAEFQ QFLRGARALC IESWARFSLV RMAGGAALLA AACLLCLLAS QLAVAPGFLF RPLLLIPVAW GLTWILYAG VSVTTGSKID LVVLGAVAAA GSLLPFLWKA WVSRGSKRPL APLLVPRPV LILLIRLAT FFSDSFFVVE ARATPFLGSLV LVFFLVAQLH WEGQLLPPKP LTMSRLGSSA PTAPPRHSGA HALWLGIGLL LFTRLAGLFH RCPEETPACR SSPWLSPLAS</p>

Product Details

MVGGRAKNLW YGACV GALVA LLVWVRLWLR RYGNLKSPEP PVLVFRWGMP LMVLGTAAYW
ALASGAE EAP PRLRALVAGA SAVLPRAVMG LAALGLVLLL WRPVTVLVKA GAATSRTRTI
LTPFSGPPTS QADLDYVVPQ IYRHMQE EFQ GRLERTKAQG PITVAAYQLG SVYSAAMVTA
LLLLAFPLML LHVERVSLVF LLLFLQS FLL LHLLAAGTPV ATPGPFTVLW QAVSAWLLA
TQTFYSTGHQ PVFSAIHWHA AFVGFDPGHG SSTWLPALLV GANTFASHLL FAVGCPLLLL
WPFLCERQGP KRRQPLPGSE SEARVRPEEE EELQEPLMEV RLRDAPNHFN AALLQLGLKY
LFILGAQILA CALAASILRR HLMVWVKFAP KFIFEAVGFI VSSVGLLLGI ALVMRVDVAV
SSWFKKLVLA QQR **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:

PIGO

Alternative Name:

Pigo ([PIGO Products](#))

Background:

GPI ethanolamine phosphate transferase 3 (EC 2.-.-) (Phosphatidylinositol-glycan biosynthesis class 0 protein) (PIG-O),FUNCTION: Ethanolamine phosphate transferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers ethanolamine phosphate to the

Target Details

GPI third mannose which links the GPI-anchor to the C-terminus of the proteins by an amide bond. {ECO:0000269|PubMed:10781593}.

Molecular Weight: 119.2 kDa

UniProt: [Q9JJ16](#)

Pathways: [Inositol Metabolic Process](#), [SARS-CoV-2 Protein Interactome](#)

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