

Datasheet for ABIN7559120
PIGW Protein (AA 1-503) (His tag)



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Overview

Quantity:	1 mg
Target:	PIGW
Protein Characteristics:	AA 1-503
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGW protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pigw Protein expressed in mammalien cells.
Sequence:	<p>MSQKQLKEAF VRNLSGTSVL EVTQGLCFPA FCILCRGLWI IFSQHVCFSFS NTWSTRFLMD FVVLIVPLVI TLTVLSSFIL LENLTVIVWG AWLLYQIYHR RTCYAKVPVQ KVFANFLKIS LESEYNPAIT CYRVINSVFT AIALAVDFP LFPRRFAKTE LYGTGAMDFG VGGFIFGAAM VCPEVRRKSI EESRFNYLRK SLYSVWPLVF LGMGRLVIK SIGYQEHSTE YGIHWNFFFT IIVVRLVTSLLLIIFPLNKS WIVAVSITVV YQLALDYTPL KRILLYGTDG SGTRVGFLNA NREGIISTLG YVTIHMAGVQ TGLYVLKGRA QVRDWIKATC WVFSVAVGFF ISLHIVQVNI EAVSRRMANL AFCLWVWASS LMLLSCLLLS GIILSFAQFL IKGSLVPCSW KLIQSPTTHK NHSESLILEA EKNQPSLCLI TALNRNQLFF FLLSNITTGL INLTMDTLHT GALWTLVVLVLS IYMFTNCLVI YVLDLQGKTI KFW 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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).
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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
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Grade:	custom-made
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Target Details

Target:	PIGW
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Alternative Name:	Pigw (PIGW Products)
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Background:	<p>Phosphatidylinositol-glycan biosynthesis class W protein (PIG-W) (EC 2.3.-.-),FUNCTION: Required for the transport of GPI-anchored proteins to the plasma membrane. Probable acetyltransferase, which acetylates the inositol ring of phosphatidylinositol during biosynthesis of GPI-anchor. Acetylation during GPI-anchor biosynthesis is not essential for the subsequent mannosylation and is usually removed soon after the attachment of GPIs to proteins. {ECO:0000250 UniProtKB:Q7TSN4}.</p>
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Molecular Weight:	56.8 kDa
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UniProt:	Q8C398
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Pathways:	Inositol Metabolic Process
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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
