

Datasheet for ABIN7558878
PIGZ Protein (AA 1-560) (His tag)



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Overview

Quantity:	1 mg
Target:	PIGZ
Protein Characteristics:	AA 1-560
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGZ protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pigz Protein expressed in mammalian cells.
Sequence:	MMVAAQVIWG SFSLLRVLWC LLPQTGYIHP DEFFQSPEVM AEDILGVQAT RPWEFYPPSSS CRTVVFPLLT SGSTFWLLRL WEELGLWPGL VSGYMLLVGP RLLTALSFA LDWAVYDLAP LWGADRWNAL CLLSGSYVTL VFYTRTFSNT IEGLLFTWLL VLVSPGVVRS PTSKKPTPGP RWHRYLLGVI LAAGFFNRPT FLAFALAPLS LWGIHRASEL GGIRALIQEA LVLLPGAALA AVLCVATDSW YFSSLSRSTG VFLTPANFLY YNLDPQNLAR HGTHARLTHL AVNGFLLFGV LHAQALQAAW QQLHACLRAS PQTGLSRVRG ARGLLSSSKS YLLLFYFTPL LLLSAFASHQE ARFLIPLLVP LVLLCSPQTQ PIPWKGTLLV FNILGALIFG CLHQGGLVPG LKYLEQIVHT PDLSGTTTHY TLLFTHTYMP PQHLLHLSGL GSPVEVDMG GAEDRVLQQA LNNFSRQPAC QLAGEPWPCR LFVVTPTGNT HALEKCRFPL KNETLLFPHL TLEDPPALSS LLSGAWRKHL SLHVIELETP VVTQPKAQP 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:

PIGZ

Alternative Name:

Pigz ([PIGZ Products](#))

Background:

GPI mannosyltransferase 4 (EC 2.4.1.-) (GPI mannosyltransferase IV) (GPI-MT-IV) (Phosphatidylinositol-glycan biosynthesis class Z protein) (PIG-Z),FUNCTION: Mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers a fourth mannose to some trimannosyl-GPIs during GPI precursor assembly. The presence of a fourth mannose in GPI is facultative and only scarcely detected, suggesting that it only exists in some tissues (By similarity). {ECO:0000250}.

Molecular Weight:

62.0 kDa

UniProt:

[Q8BTP0](#)

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.
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Restrictions:	For Research Use only
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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