Datasheet for ABIN7550820

PIGV Protein (AA 1-493) (His tag)

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Overview

Quantity:	1 mg
Target:	PIGV
Protein Characteristics:	AA 1-493
Origin:	Human
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:	MWPQDPSRKE VLRFAVSCRI LTLMLQALFN AIIPDHHAEA FSPPRLAPSG FVDQLVEGLL GGLSHWDAEH FLFIAEHGYL YEHNFAFFPG FPLALLVGTE LLRPLRGLLS LRSCLLISVA SLNFLFFMLA AVALHDLGCL VLHCPHQSFY AALLFCLSPA NVFLAAGYSE ALFALLTFSA MGQLERGRVW TSVLLFAFAT GVRSNGLVSV GFLMHSQCQG FFSSLTMLNP LRQLFKLMAS LFLSVFTLGL PFALFQYYAY TQFCLPGSAR PIPEPLVQLA VDKGYRIAEG NEPPWCFWDV PLIYSYIQDV YWNVGFLKYY ELKQVPNFLL AAPVAILVAW ATWTYVTTHP WLCLTLGLQR SKNNKTLEKP DLGFLSPQVF VYVVHAAVLL LFGGLCMHVQ VLTRFLGSST PIMYWFPAHL LQDQEPLLRS LKTVPWKPLA EDSPPGQKVP RNPIMGLLYH WKTCSPVTRY ILGYFLTYWL LGLLLHCNFL 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.**

Product Details

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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. {ECO:0000269|PubMed:15623507, ECO:0000269|PubMed:15720390}.
Molecular Weight:	55.7 kDa
UniProt:	Q9NUD9
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