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Datasheet for ABIN7554915  
**PGAP1 Protein (AA 1-922) (His tag)**

## Overview

Quantity:	1 mg
Target:	PGAP1
Protein Characteristics:	AA 1-922
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGAP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat PGAP1 Protein expressed in mammalian cells.
Sequence:	MFLHSVNLWN LAFYVFMVFL ATLGLWDVFF GFEENKCSMS YMFEYPEYQK IELPKKLAKR YPAYELYLYG EGSYAEHKKI LPLTGIPVLF LPGNAGSYKQ VRSIGSIALR KAEDIDFKYH FDFFSVNFNE ELVALYGGSL QKQTKFVHEC IKTILKLYKG QEFAPKSVAI IGHSMGGLVA RALLTLKNFK HDLINLLITQ ATPHVAPVMP LDRFITDFYT TVNNYWILNA RHINLTTLSV AGGFRDYQVR SGLTFLPKLS HHTSALS VVS SAVPKTWWST DHLSIVWCKQ LQLTTVRAFF DLIDADTKQI TQNSKKKLSV LYHHFIRHPS KHFEENPAII SDLTGTSMWV LVKVKSWTYV AYNESEKIYF TFPLENHRKI YTHVYCQSTM LDTNSWIFAC INSTSMCLQG VDLSWKAELL PTIKYLTLRL QDYPSLSHLV VVPSVRGSK FVVDCEFFKK EKRYIQLPVT HLFSGGLSSR KVVLTNGLY YNLELLNFGQ IYQAFKINVV SKCSAVKEEI TSIYRLHIPW SYEDSLTIAQ APSTEISLK LHIAQPENNT HVALFKMYTS SDCRYEVTVK TSFSQILGQV VRFHGGALPA YVVSNILLAY RGQLYSLFST GCCLEYATML DKEAKPYKVD PFVIIIKFLG GYKWFKELWD

## Product Details

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VLLLPELDAV ILTCQSMCFP LISLILFLFG TCTAYWSGLL SSASVRLSS LWLALKRPSE  
LPKDIKMISP DLPFLTIVLI IVSWTTCGAL AILLSYLYYV FKVVHLQASL TTFKNSQPVN  
PKHSRRSEKK SNHHKDSSIH HLRLSANDAE DSLRMHSTVI NLLTWIVLLS MPSTLIYWLKN  
LRYFVKLNPD PCKPLAFILI PTMAILGNTY TVSIKSSKLL KTTSQFPLPL AVGVIAFGSA  
HLYRLPCFVF IPLLLHALCN FM **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

PGAP1

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### Alternative Name:

PGAP1 ([PGAP1 Products](#))

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### Background:

GPI inositol-deacylase (EC 3.1.-.-) (Post-GPI attachment to proteins factor 1) (hPGAP1),FUNCTION: Involved in inositol deacylation of GPI-anchored proteins. GPI inositol deacylation may important for efficient transport of GPI-anchored proteins from the endoplasmic reticulum to the Golgi (By similarity). {ECO:0000250}.

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### Molecular Weight:

105.4 kDa

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## Target Details

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UniProt:	<a href="#">Q75T13</a>
Pathways:	<a href="#">Sensory Perception of Sound, Inositol Metabolic Process</a>

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## Application Details

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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

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## Handling

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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