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Datasheet for ABIN7550749

**PGGT1B Protein (AA 1-377) (His tag)**

## Overview

Quantity:	1 mg
Target:	PGGT1B
Protein Characteristics:	AA 1-377
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGGT1B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PGGT1B Protein expressed in mammalian cells.
Sequence:	MAATEDERLA GSGEGERLDF LRDRHVRFFQ RCLQVLPERY SSLETSRLTI AFFALSGGLDM LDSL DVVNKD DIIEWISLQ VLPTEDRSNL NRCGFRGSSY LGIPFNPSKA PGTAHPYDSG HIAMTYTGLS CLVILGDDLS RVNKEACLAG LRALQLEDGS FCAVPEGSEN DMRFVYCASC ICYMLNNWSG MDMKKAITYI RRSMSYDNGL AQGAGLESHG GSTFCGIASL CLMGKLEEVF SEKELNRIKR WCIMRQQNGY HGRPNKPVDT CYSFWVGATL KLLKIFQYTN FEKNRNYILS TQDRLVGGFA KWPDSHPDAL HAYFGICGLS LMEESGICKV HPALNVSTRT SERLLDLHQS WKTKDSKQCS ENVHIST <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	PGGT1B
Alternative Name:	PGGT1B ( <a href="#">PGGT1B Products</a> )
Background:	Geranylgeranyl transferase type-1 subunit beta (EC 2.5.1.59) (Geranylgeranyl transferase type I subunit beta) (GGTase-I-beta) (Type I protein geranyl-geranyltransferase subunit beta),FUNCTION: Catalyzes the transfer of a geranyl-geranyl moiety from geranyl-geranyl pyrophosphate to a cysteine at the fourth position from the C-terminus of proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. Known substrates include RAC1, RAC2, RAP1A and RAP1B. {ECO:0000269 PubMed:8106351}.
Molecular Weight:	42.4 kDa
UniProt:	<a href="#">P53609</a>

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## Application Details

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Application Notes:	We expect the protein to work for functional studies. 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