

Datasheet for ABIN7550575
PARD6B Protein (AA 1-372) (His tag)



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Overview

Quantity:	1 mg
Target:	PARD6B
Protein Characteristics:	AA 1-372
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PARD6B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PARD6B Protein expressed in mammalian cells.
Sequence:	<p>MNRSHRHGAG SGCLGTMEVK SKFGAEFRRF SLERSKPGKF EEFYGLLQHV HKIPNVDVLV GYADIHGDLL PINNDDNYHK AVSTANPLLR IFIQKKEAD YSAFGDTLI KKKNVLTNVL RPDNHRKKPH IVISMPQDFR PVSSIIDVDI LPETHRRVRL YKYGTEKPLG FYIRDGSSVR VTPHGLEKVP GIFISRLVPG GLAQSTGLLA VNDEVLEVNG IEVSGKSLDQ VTDMMIANSR NLIITVRPAN QRNNVVRNSR TSGSSGQSTD NSLLGYPQQI EPSFEPEDED SEEDDIIIED NGVPQQIPKA VPNTESLESL TQIELSFESG QNGFIPSNEV SLAAIASSN TEFETHAPDQ KLEEDGTII TL 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>
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

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

Target Details

Target:	PARD6B
Alternative Name:	PARD6B (PARD6B Products)
Background:	Partitioning defective 6 homolog beta (PAR-6 beta) (PAR-6B),FUNCTION: Adapter protein involved in asymmetrical cell division and cell polarization processes. Probably involved in formation of epithelial tight junctions. Association with PARD3 may prevent the interaction of PARD3 with F11R/JAM1, thereby preventing tight junction assembly. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins.
Molecular Weight:	41.2 kDa
UniProt:	Q9BYG5
Pathways:	Cell-Cell Junction Organization

Application Details

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

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