

Datasheet for ABIN7559078

GPCPD1 Protein (AA 1-675) (His tag)



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Overview

Quantity:	1 mg
Target:	GPCPD1
Protein Characteristics:	AA 1-675
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPCPD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Gpcpd1 Protein expressed in mammalian cells.
Sequence:	<p> MTPSQVTFEI RGTLTPGEVF AICGSCDALG NWNPNQNAVAL INENETGDSV LWKAVIALNR GVSVKYRYFR GCFLEPKTIG GPCQVIVHKW ETHLQPRSIT PLESEIIDD GQFGIHNGVE TLD SGWLTCQ TEIRLR LHFS EKPPVSISK KFKKSRFRVK LTLEGLEEDE DDDDDKVSPT VLHKMSNSLE ISLISDNEFK CRHSQPECGY GLQPDRWTEY SIQTMEPDNL ELIFDFF EED LSEHV VQGDV L PGHVG TACL LSSTIAESGR SAGILTLPIM SRNSRKTIGK VRVDFII IKP LPGYSCSMQS SFSKYWKPRI PLDVGHARGAG NSTTTAKLAK VQENTIASLR NAASHGAA FV EFDVHLSKDF VPVVYHDLTC CLTMKRKYEA DPVELFEIPV KELTFDQLQL LKLSHVTALK TKDRKQSLYE EENFFSENQP FPSLKMVLES LPENVGFNIE IKWICQHRDG VWDGNLSTYF DMNVFLDIIL KTVLENSGKR RIVFSSFDAD ICTMVRQKQN KYPILFLTQG KSDIYPELMD LRSRTTPIAM SFAQFENILG INAHTEDLLR NPSYVQEAKA KGLVIFCWGD DTNDPENRRK LKEFGVNGLI YDRIYDWMPE QPNIFQVEQL ERLKQELPEL KNCLCPTVSH FIPSSFCVEP DIHVDANGID SVENA </p> <p>Sequence without tag. The proposed Purification-Tag is based on</p>

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.

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GPCPD1
Alternative Name:	Gpcpd1 (GPCPD1 Products)
Background:	Glycerophosphocholine phosphodiesterase GPCPD1 (EC 3.1.4.2) (Glycerophosphodiester phosphodiesterase 5) (Preimplantation protein 4),FUNCTION: May be involved in the negative regulation of skeletal muscle differentiation, independently of its glycerophosphocholine phosphodiesterase activity. {ECO:0000269 PubMed:20576599}.
Molecular Weight:	76.6 kDa
UniProt:	Q8C0L9

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