

Datasheet for ABIN7548038

## GPCPD1 Protein (AA 1-672) (His tag)



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### Overview

Quantity:	1 mg
Target:	GPCPD1
Protein Characteristics:	AA 1-672
Origin:	Human
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> MTPSQVAFEI RGTLLPGEVF AICGSCDALG NWNPQNAVAL LPENDTGESM LWKATIVLSR  GVSVQYRYFK GYFLEPKTIG GPCQVIVHKW ETHLQPRSIT PLESEIIDD GQFGIHNGVE  TLDSGWLTCQ TEIRLRHYS EKPPVSITKK KLKKSFRVK LTLEGLEDD DDRVSPTVLH  KMSNSLEISL ISDNEFKCRH SQPECGYGLQ PDRWTEYSIQ TMEPDNLELI FDFFEEDLSE  HVVQGDALPG HVGTAALLSS TIAESGKSAG ILTLPIMSRN SRKTIGKVRV DYIIKPLPG  YSCDMKSSFS KYWKPRIPLD VGHARGAGNST TTAQLAKVQE NTIASLRNAA SHGAAFVEFD  VHLSKDFVPV VYHDLTCLT MKKKFDADPV ELFEIPVKEL TFDQLQLLKL THVTALKSKD  RKESVVQEEN SFSENQPFPS LKMVLESLPE DVGFNIEIKW ICQQRDGMWD GNLSTYFDMN  LFLDIILKTV LENSGRKRRIV FSSFADICT MVRQKQNKYP ILFLTQGKSE IYPELMDLRS  RTTPIAMSFA QFENLLGINV HTEDLLRNPS YIQEAKAKGL VIFCWGDDTN DPENRRKLKE  LGVNGLIYDR IYDWMPEQPN IFQVEQLERL KQELPELKSC LCPTVSRFVP SSLCGESDIH  VDANGIDNVE NA </p> <p><b>Sequence without tag. The proposed Purification-Tag is based on</b></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"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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 ( <a href="#">GPCPD1 Products</a> )
Background:	Glycerophosphocholine phosphodiesterase GPCPD1 (EC 3.1.4.2) (Glycerophosphodiester phosphodiesterase 5),FUNCTION: May be involved in the negative regulation of skeletal muscle differentiation, independently of its glycerophosphocholine phosphodiesterase activity. {ECO:0000250}.
Molecular Weight:	76.0 kDa
UniProt:	<a href="#">Q9NPB8</a>

## 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