

Datasheet for ABIN7548058
GPM6B Protein (AA 1-265) (His tag)



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Overview

Quantity:	1 mg
Target:	GPM6B
Protein Characteristics:	AA 1-265
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPM6B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GPM6B Protein expressed in mammalian cells.
Sequence:	MKPAMETA AE ENTEQS QERK GCFECCIKCL GGV PYASLVA TILCFSGVAL FCGCGHVALA GTVAIL EQHF STNASDHALL SEVIQLMQYV IYGIASFFFL YGIILL AEGF YTTS AVKELH GEFKTTACGR CISGMFVFLT YVLGVAWLGV FGFS AVPVFM FYNIWSTCEV IKSPQTNGTT GVEQICVDIR QYGIIPWNAF PGKICGSALE NICNTNEFYM SYHLFIVACA GAGATVIALL IYMMATTYNY AVLKFKSRED CCTKF 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.
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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	GPM6B
Alternative Name:	GPM6B (GPM6B Products)
Background:	Neuronal membrane glycoprotein M6-b (M6b),FUNCTION: May be involved in neural development. Involved in regulation of osteoblast function and bone formation. Involved in matrix vesicle release by osteoblasts, this function seems to involve maintenance of the actin cytoskeleton. May be involved in cellular trafficking of SERT and thereby in regulation of serotonin uptake. {ECO:0000269 PubMed:21638316}.
Molecular Weight:	29.0 kDa
UniProt:	Q13491

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