

Datasheet for ABIN7548082

GPBAR1 Protein (AA 1-330) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GPBAR1
Protein Characteristics:	AA 1-330
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPBAR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GPBAR1 Protein expressed in mammalian cells.
Sequence:	MTPNSTGEVP SPIPKGALGL SLALASLIIT ANLLLALGIA WDRRLRSPPA GCFFLSLLLA GLLTGLALPT LPGLWNQSRR GYWSCLLVYL APNFSFLSLL ANLLLVHGER YMAVLRPLQP PGSIRLALLL TWAGPLLFAS LPALGWNHWT PGANCSSQAI FPAPYLYLEV YGLLLPAVGA AAFLSVRVLA TAHRQLQDIC RLERAVCRDE PSALARALTW RQARAQAGAM LLFGLCWGPY VATLLLSVLA YEQRPPPLGPG TLLSLLSLGS ASAAAVPVAM GLGDQRYTAP WRAAAQRCLQ GLWGRASRDS PGPSIAYHPS SQSSVDLDLN 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:

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:	GPBAR1
Alternative Name:	GPBAR1 (GPBAR1 Products)
Background:	G-protein coupled bile acid receptor 1 (G-protein coupled receptor GPCR19) (hGPCR19) (Membrane-type receptor for bile acids) (M-BAR) (hBG37) (BG37),FUNCTION: Receptor for bile acid. Bile acid-binding induces its internalization, activation of extracellular signal-regulated kinase and intracellular cAMP production. May be involved in the suppression of macrophage functions by bile acids. {ECO:0000269 PubMed:12419312, ECO:0000269 PubMed:12524422}.
Molecular Weight:	35.2 kDa
UniProt:	Q8TDU6
Pathways:	WNT Signaling , Hormone Transport , Sensory Perception of Sound

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