

Datasheet for ABIN7558308
GPBAR1 Protein (AA 1-329) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GPBAR1
Protein Characteristics:	AA 1-329
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPBAR1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Gpbar1 Protein expressed in mammalien cells.
Sequence:	MMTPNSTELS AIPMGVLGLS LALASLIVIA NLLLALGIAL DRHLRSPAG CFFLSLLLAG LLTGLALPML PGLWSRNHQG YWSCLLLHLT PNFCFLSLLA NLLLVHGERY MAVLQPLRPH GSVRLALFLT WVSSLFFASL PALGWNHWSP DANCSSQAVF PAPYLYLEVY GLLLPVAVGAT ALLSVRVLAT AHRQLCEIRR LERAVCRDVP STLARALTWR QARAQAGATL LFLLCWGPYV ATLLLSVLAY ERRPPLGPGT LLSLISLGST SAAAVPVAMG LGDQRYTAPW RTAAQRCLRV LRGRAKRDNP GPSTAYHTSS QCSIDLNLN 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.
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, Western Blot

Grade: custom-made

Target Details

Target: GPBAR1

Alternative Name: Gpbar1 ([GPBAR1 Products](#))

Background: G-protein coupled bile acid receptor 1 (Membrane-type receptor for bile acids) (M-BAR),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 (By similarity). Involved in bile acid promoted GLP1R secretion. {ECO:0000250, ECO:0000269|PubMed:15721318}.

Molecular Weight: 35.7 kDa

UniProt: [Q80SS6](#)

Pathways: [WNT Signaling](#), [Hormone Transport](#), [Sensory Perception of Sound](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

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