

## **PRODUCT INFORMATION**

TagC-Flag TagTargetGPBAR1

Synonyms BG37, GPCR19, GPR131, M-BAR, TGR5
Human GPBAR full length protein-synthetic

nanodisc

Delivery 6~8weeks

Uniprot ID Q8TDU6

Expression Host HEK293

Protein Families Druggable Genome,

Protein Pathways N/A

**Background** 

**Usage** 

Conjugate

Molecular Weight

The human full length GPBAR protein has a MW of

35.2kDa

Formulation & Reconstitution Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquet and significant and significant

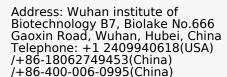
Storage & Shipping intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the G proteincoupled receptor (GPCR) superfamily. This enzyme functions as a cell surface receptor for bile acids. Treatment of cells expressing this GPCR with bile acids induces the production of intracellular cAMP, activation of a MAP kinase signaling pathway, and internalization of the receptor. The receptor is implicated in the

receptor. The receptor is implicated in the suppression of macrophage functions and regulation of energy homeostasis by bile acids. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by

RefSeq, Jul 2008] Research use only Unconjugated



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