

Datasheet for ABIN7548039

G Protein-Coupled Receptor 89B (GPR89B) (AA 1-455) protein (His tag)



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Overview

Quantity:	1 mg
Target:	G Protein-Coupled Receptor 89B (GPR89B)
Protein Characteristics:	AA 1-455
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant GPR89B Protein expressed in mammalian cells.
Sequence:	MSFLIDSSIM ITSQILFFGF GWLFFMRQLF KDYEIRQYVV QVIFSVTF AF SCTMFELIIF EILGVLNSSS RYFHWKMNL C VILLILVFMV PFYIGYFIVS NIRLLHKQRL LFSCLLWLT F MYFFWKL GDP FPILSPKHGI LSIEQLISRV GVIGVTLMAL LSGFGAVNCP YTYMSYFLRN VTDTDILALE RRLQTMDMI ISKKRMAMA RRTMFQKGEV HNKPSGFWGM IKSVTTSASG SENLTLIQQE VDALEELSRQ LLETADLYA TKERIEYSKT FKGKYFNFLG YFFSIYCVWK IFMATINIVF DRVGKTD PVT RGIEITVNYL GIQFDVKFWS QHISFILVGI IIVTSIRGLL ITLTKFFYAI SSSKSSNVIV LLLAQIMGMY FVSSVLLIRM SMPLEYRTII TEVLGELQFN FYHRWFDVIF LVSALSSILF LYLAHKQAPE KQMAP 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.

Product Details

Characteristics:

Key Benefits:

- 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:

G Protein-Coupled Receptor 89B (GPR89B)

Alternative Name:

GPR89B ([GPR89B Products](#))

Background:

Golgi pH regulator B (Protein GPR89B),FUNCTION: Voltage dependent anion channel required for acidification and functions of the Golgi apparatus that may function in counter-ion conductance (PubMed:18794847). Plays a role in lymphocyte development, probably by acting as a RABL3 effector in hematopoietic cells (By similarity). {ECO:0000250|UniProtKB:Q8BS95, ECO:0000269|PubMed:18794847}.

Molecular Weight:

52.9 kDa

UniProt:

[P0CG08](#)

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