

Datasheet for ABIN7596688

ADGRV1 / GPR98 Protein (DYKDDDDK Tag, Strep Tag)



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Overview

Quantity:	10 µg
Target:	ADGRV1 / GPR98 (ADGRV1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This ADGRV1 / GPR98 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	Cryogenic electron microscopy (cryo-EM), ELISA, Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR)

Product Details

Purpose:	Human AGRV1-Strep full length protein-synthetic nanodisc
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Target Details

Target:	ADGRV1 / GPR98 (ADGRV1)
Alternative Name:	AGRV1 (ADGRV1 Products)
Background:	<p>FEB4, GPR98, MASS1, USH2B, USH2C, VLGR1, VLGR1b</p> <p>This gene encodes a member of the G-protein coupled receptor superfamily. The encoded protein contains a 7-transmembrane receptor domain, binds calcium and is expressed in the central nervous system. Mutations in this gene are associated with Usher syndrome 2 and familial febrile seizures. Several alternatively spliced transcripts have been described. [provided by RefSeq, Jul 2008]</p>

Target Details

Molecular Weight: The human full length AGRV1-Strep protein has a MW of 693.1 kDa

UniProt: [Q8WVG9](#)

Application Details

Comment: Advantages:

- Highly purified membrane proteins
- High solubility in aqueous solutions
- High stability
- Proteins are in a native membrane environment and remain biologically active
- No detergent and can be used for cell-based assays
- No MSP backbone proteins
- Mammalian cell expression system ensures post- translational modifications

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months