

Datasheet for ABIN7596766

GPRC6A Protein (DYKDDDDK Tag, Strep Tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 10 µg |
| Target: | GPRC6A |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Synthetic Nanodisc |
| Purification tag / Conjugate: | This GPRC6A protein is labelled with DYKDDDDK Tag, Strep Tag. |
| Application: | Surface Plasmon Resonance (SPR), Phage Display (PhD), ELISA, Immunogen (Imm), Cryogenic electron microscopy (cryo-EM) |

Product Details

| | |
|----------|--|
| Purpose: | Human GPC6A-Strep full length protein-synthetic nanodisc |
|----------|--|

Target Details

| | |
|-------------------|--|
| Target: | GPRC6A |
| Alternative Name: | GPC6A (GPRC6A Products) |
| Background: | <p>GPCR, bA86F4.3</p> <p>Members of family C of the G protein-coupled receptor (GPCR) superfamily, such as GPRC6A, are characterized by an evolutionarily conserved amino acid-sensing motif linked to an intramembranous 7-transmembrane loop region. Several members of GPCR family C, including GPRC6A, also have a long N-terminal domain (summary by Pi et al., 2005 [PubMed 16199532]). [supplied by OMIM, Nov 2010]</p> |

Target Details

Molecular Weight: The human full length GPC6A-Strep protein has a MW of 104.8 kDa

UniProt: [Q5T6X5](#)

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