

Datasheet for ABIN7597029

GJC1 Protein (DYKDDDDK Tag, Strep Tag)[Go to Product page](#)

Overview

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|-------------------------------|---|
| Quantity: | 10 µg |
| Target: | GJC1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Synthetic Nanodisc |
| Purification tag / Conjugate: | This GJC1 protein is labelled with DYKDDDDK Tag, Strep Tag. |
| Application: | ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM) |

Product Details

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|----------|---|
| Purpose: | Human CXG1-Strep full length protein-synthetic nanodisc |
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Target Details

| | |
|-------------------|---|
| Target: | GJC1 |
| Alternative Name: | CXG1 (GJC1 Products) |
| Background: | <p>CX45, GJA7</p> <p>This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Alternatively spliced transcript variants encoding the same isoform have been described. [provided by RefSeq, Jul 2008]</p> |
| Molecular Weight: | The human full length CXG1-Strep protein has a MW of 45.5 kDa |

Target Details

UniProt: [P36383](#)

Pathways: [Cell-Cell Junction Organization](#)

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