

Datasheet for ABIN7596957

## GPR58 Protein (DYKDDDDK Tag, Strep Tag)



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### Overview

|                               |                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Quantity:                     | 10 µg                                                                                                                 |
| Target:                       | GPR58 (TAAR2)                                                                                                         |
| Origin:                       | Human                                                                                                                 |
| Source:                       | HEK-293 Cells                                                                                                         |
| Protein Type:                 | Synthetic Nanodisc                                                                                                    |
| Purification tag / Conjugate: | This GPR58 protein is labelled with DYKDDDDK Tag, Strep Tag.                                                          |
| Application:                  | ELISA, Immunogen (Imm), Surface Plasmon Resonance (SPR), Phage Display (PhD), Cryogenic electron microscopy (cryo-EM) |

### Product Details

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|----------|----------------------------------------------------------|
| Purpose: | Human TAAR2-Strep full length protein-synthetic nanodisc |
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### Target Details

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Target:           | GPR58 (TAAR2)                                                   |
| Alternative Name: | TAAR2 ( <a href="#">TAAR2 Products</a> )                        |
| Background:       | GPR58, taR-2<br>Orphan receptor.[UniProtKB/Swiss-Prot Function] |
| Molecular Weight: | The human full length TAAR2-Strep protein has a MW of 40.1 kDa  |
| UniProt:          | <a href="#">Q9P1P5</a>                                          |

## Application Details

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| Comment: | Advantages: <ul style="list-style-type: none"><li>• Highly purified membrane proteins</li><li>• High solubility in aqueous solutions</li><li>• High stability</li><li>• Proteins are in a native membrane environment and remain biologically active</li><li>• No detergent and can be used for cell-based assays</li><li>• No MSP backbone proteins</li><li>• Mammalian cell expression system ensures post- translational modifications</li></ul> |
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| Restrictions: | For Research Use only |
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## Handling

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| 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).<br>Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date:     | 12 months                                                                                                                                                                                                                                              |