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Datasheet for ABIN7538255

G Protein-Coupled Receptor 133 Protein (GPR133) (AA 26-570) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | G Protein-Coupled Receptor 133 (GPR133) |
| Protein Characteristics: | AA 26-570 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This G Protein-Coupled Receptor 133 protein is labelled with His tag. |

Product Details

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|------------------|---|
| Purpose: | Recombinant human ADGRD1 Protein with C-terminal 6xHis tag |
| Specificity: | ADGRD1 (Val26-Ser570) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | G Protein-Coupled Receptor 133 (GPR133) |
| Alternative Name: | ADGRD1 (GPR133 Products) |
| Background: | The adhesion G-protein-coupled receptors (GPCRs), including GPR133, are membrane-bound |

Target Details

proteins with long N termini containing multiple domains. GPCRs, or GPRs, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins (summary by Bjarnadottir et al., 2004 [PubMed 15203201]).[supplied by OMIM, Nov 2010]

Molecular Weight: predicted molecular mass of 60.9 kDa after removal of the signal peptide.

UniProt: [Q6QNK2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. 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