

HDFP1041

Product Information

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|---------------------|----------|-------------------------|------------------|--------------|------|
| Product SKU: | HDFP1041 | Expression Host: | HEK293 | Size: | 10µg |
| Target: | GPR78 | Tag: | C-Flag&Strep Tag | | |

Additional Information

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|--------------------------|--|--------------------|--------|
| Conjugate: | Unconjugated | Uniprot ID: | Q96P69 |
| Molecular Weight: | The human full length GPR78-Strep protein has a MW of 39.3 kDa | | |

Protein Information

Background: The protein encoded by this gene belongs to the G protein-coupled receptor family, which contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. This is an orphan receptor, which displays significant level of constitutive activity. Association analysis shows preliminary evidence for the involvement of this gene in susceptibility to bipolar affective disorder and schizophrenia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2011]

Synonyms: G-protein coupled receptor 78

Protein Description: Human GPR78-Strep full length protein-synthetic nanodisc

Formulation: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

Protein Pathways: -

Protein Families: GPCR, Transmembrane, Druggable Genome.

Usage: Research use only

Storage & Shipping: 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.

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