

HDFP1192

Product Information

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|---------------------|----------|-------------------------|------------------|--------------|------|
| Product SKU: | HDFP1192 | Expression Host: | HEK293 | Size: | 10µg |
| Target: | SSR4 | Tag: | C-Flag&Strep Tag | | |

Additional Information

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|--------------------------|---|--------------------|--------|
| Conjugate: | Unconjugated | Uniprot ID: | P31391 |
| Molecular Weight: | The human full length SSR4-Strep protein has a MW of 42 kDa | | |

Protein Information

Background: Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR4 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in fetal and adult brain and lung. [provided by RefSeq, Jul 2008]

Synonyms: SS-4-R, SS4-R, SS4R

Protein Description: Human SSR4-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: GPCRDB Class A Rhodopsin-like, Peptide GPCRs, Cancer.

Protein Families: GPCR, Transmembrane, Druggable Genome.

Usage: Research use only

Contact Details | Dublin, Ireland

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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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