

## **PRODUCT INFORMATION**

**Target** SSTR1

**Synonyms** SS1R; SST1; SS1-R; SRIF-2; SS-1-R

Recombinant human SSTR1 Protein with C-Description

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** P30872 **Expression Host HEK293** 

Tag C-Human Fc tag

Molecular

**Purity** 

**Background** 

SSTR1(Met1-Gly56) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 31.3 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

Somatostatins are peptide hormones that regulate diverse cellular functions such as neurotransmission, cell proliferation, and endocrine signaling as well as inhibiting the release of many hormones and other secretory proteins. Somatostatin has two active forms of 14 and 28 amino acids. The biological effects of somatostatins are mediated by a family of G-protein coupled somatostatin receptors that are expressed in a tissue-specific manner. The

protein encoded by this gene is a member of the superfamily of somatostatin receptors having seven transmembrane segments. Somatostatin receptors form homodimers and heterodimers with other members of the superfamily as well as with other G-protein coupled receptors and receptor tyrosine kinases. This somatostatin receptor has greater affinity for somatostatin-14

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than -28. [provided by RefSeq, Jul 2012]

Usage Research use only Conjugate Unconjugated





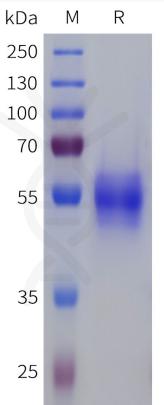


Figure 1. Human SSTR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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