PRODUCT INFORMATION

Target	SSTR1
Synonyms	SS1R; SST1; SS1-R; SRIF-2; SS-1-R
Description	Recombinant human SSTR1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P30872
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	SSTR1(Met1-Gly56) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Background	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 than -28. [provided by RefSeq, Jul 2012]
Usage	Research use only
Conjugate	Unconjugated

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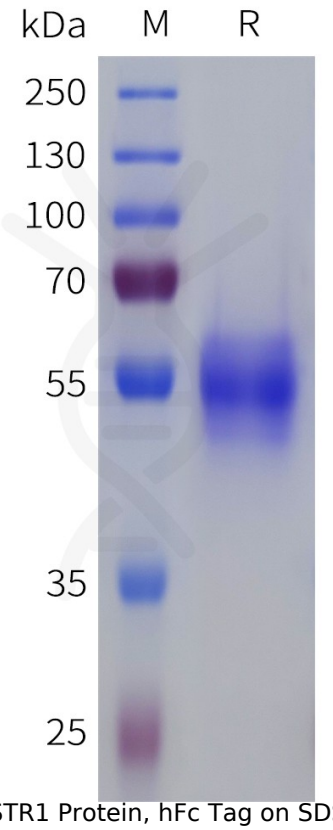


Figure 1. Human SSTR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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