

PRODUCT INFORMATION

C-Flag Tag Tag

SSR5 **Target** SS-5-R **Synonyms**

Human SSR5 full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** P35346 **Expression Host HEK293**

Protein Families GPCR, Transmembrane, Druggable Genome,

GPCRDB Class A Rhodopsin-like, Peptide **Protein Pathways**

GPCRs, Metabolic and Obesity,

The human full length SSR5 protein has a MW of **Molecular Weight**

39.2kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and tumoral tissue targets by interacting with somatostatin receptors (SSTRs). The protein encoded by this gene is one of the SSTRs, which is a multi-pass membrane protein and belongs to the G-protein coupled receptor 1 family. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase, and different regions of this receptor molecular are required for

the activation of different signaling pathways. A mutation in this gene results in somatostatin analog resistance. Alternatively spliced transcript variants have been identified in this

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gene.[provided by RefSeq, Feb 2010]

Research use only Usage Conjugate Unconjugated

Background

