

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	SSR4
Synonyms	SS-4-R, SS4-R, SS4R
Description	Human SSR4-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P31391
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	GPCRDB Class A Rhodopsin-like,Peptide GPCRs,Cancer,
Molecular Weight	The human full length SSR4-Strep protein has a MW of 42 kDa
Formulation & Reconstitution	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.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
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]
Usage	Research use only
Conjugate	Unconjugated

