

Recombinant Human SSTR2 Protein, His-tagged

Cat. No. SSTR2-2738H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SSTR2 Protein (Ser31-Leu218) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser31-Leu218
Description	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. SSTR2 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in cerebrum and kidney.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.8 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SSTR2 somatostatin receptor 2 [Homo sapiens (human)]
Official Symbol	SSTR2
Synonyms	SSTR2; somatostatin receptor 2; SST2; somatostatin receptor type 2 SRIF-1 SS2R
Gene ID	6752
mRNA Refseq	NM_001050
Protein Refseq	NP_001041
MIM	182452
UniProt ID	P30874

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