

Recombinant Human SSTR1 Protein Product Manual

1. Product Basic Information

Product No.: REP08348

Protein Name: Ss1-Srif-Ss-1-Somatostatin Receptor 1 (SSTR1)

Aliases: SS1R; SST1; SS1-SRIF-SS-1-somatostatin receptor 1

UniProt ID: P30872

UniProt Link: <https://www.uniprot.org/uniprotkb/P30872/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-391aa)

Molecular Weight: 44.1 kDa

Protein Tag: C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)

2. Amino Acid Sequence (1-391aa)

MFPNGTASSPSSSPSPSPGSCGEGGGSRGPGAGAADGMEEPGRNASQNGTLSE
GQGSAILISFIYSVVCLVGLCGNSMVIYVILRYAKMKTATNIYILNLAIADPELLMLSVPFLL
VTSTLLRHWPFGALLCRLVLSVDVAVNMFTSIYCLTVLSVDRYVAVVHPIKAARYRRP
TVAKVVNLGVVWVLSLLVILPIVVFVSRTAANS DGTVACNMLMPEPAQRWLVGFVLYTF
LMGFLLPVGAICLCYVLIIAKMRMVALKAGWQQQRKRSEKITLMVMMVVMVFVICW
MPFYVVQLVNVFAEQDDATVSQLSVILGYANSCANPILYGFLSDNFKRSFQRILCLS
WMDNAAEPPVDYYATAALKSRAYSVEDFQPENLESGGVFRNGTCTSRITTL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human SSTR1 full length protein (1-391aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SSTR1, also known as SS1R or SST1 or SS1-SRIF-SS-1-somatostatin receptor 1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.