

# Recombinant Human SSTR4 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08350

**Protein Name:** Somatostatin Receptor Type 4 (SSTR4)

**Aliases:** SS4R; SST4; somatostatin receptor type 4

**UniProt ID:** P31391

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P31391/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** Mammalian cell

**Protein Length:** Full Length (1-388aa)

**Molecular Weight:** 43.4 kDa

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

## 2. Amino Acid Sequence (1-388aa)

MSAPSTLPPGEEGLGTAWPSAANASSAPAEAEAEAVAGPGDARAAGMVAIQCIYA  
LVCLVGLVGNALVIFVILRYAKMKTATNIYLLNLAVADELFMLSVPFVASSAALRHWP  
FGSVLCRAVLSVDGLNMFTSVFCLTVLSVDRIYVAVVHPLRAATYRRPSVAKLINLGV  
WLASLLVTLPIAIFADTRPARGGQAVACNLQWPHPAWSAVFVYTFLLGFLLPVLA  
GLCYLLIVGKMRAVALRAGWQRRRSEKKITRLVLMVVVVFVLCWMPFYVQLLNL  
FVTSLDATVNHVSLILSYANSCANPILYGFLSDNFRFFQRVLCCLLEGAGGAE  
EEPLDYYATALKSKGGAGCMCPPLPCQQEALQPEPGRKRIPLTRTTTF

## 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 SSTR4 full length protein (1-388aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SSTR4, also known as SS4R or SST4 or somatostatin receptor type 4, 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.