

# Recombinant Human SULT1A1 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08375

**Protein Name:** Sulfotransferase 1A1 (SULT1A1)

**Aliases:** PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; ts-PST; P-PST  
HAST1/HAST2; sulfotransferase 1A1

**UniProt ID:** P50225

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P50225/entry>

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

**Expression System:** E.coli

**Protein Length:** Full Length of BC000923 (1-295aa)

**Molecular Weight:** 61.1kDa

**Protein Tag:** N-terminal GST-tagged

## 2. Amino Acid Sequence (1-295aa)

MELIQDTSRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDLLISTYPKSGTTWVSQIL  
DMIYQGGDLEKCHRAPIFMRVPFLEFKAPGIPSGMETLKDTPAPRLLKTHLPLALLP  
QTL LDQKVKV VYVARN AKDVAVSYYHFYHMAKVHPEPGTWDSFLEKFMVGEVSYG  
SWYQH VQEWWELSRTHPVLYLFYEDMKENPKREIQKILEFVGHSLPEETVDFV VQ  
HTSFKEMKKNPMTNYTTVPQEFMDHSISPFMRKGMAGDWKTTFTVAQNERFDAD  
YAEKMAGCSLSFRSEL

## 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



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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 SULT1A1 full length of bc000923 protein (1-295aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. SULT1A1, also known as PST or STP or STP1, 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.