# Recombinant Human SULT1A1 protein, His-tagged

**Cat. No.** SULT1A1-2012H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human SULT1A1 protein(Met1-Leu295), fused with C-terminal His tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-295 aa |
| **Form** | Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0. |
| **Molecular Mass** | 35.01 kDa |
| **Endotoxin** | < 0.01 EU/μg of the protein by LAL method |
| **Purity** | ≥ 95 % as determined by SDS-PAGE. |
| **Storage** | Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |
| **Reconstitution** | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to |

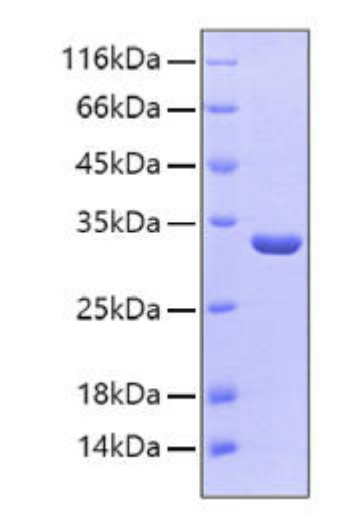
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| | minimize free-thaw cycles. |

## GENE INFORMATION

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| **Gene Name** | SULT1A1 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 [ Homo sapiens ] |
| **Official Symbol** | SULT1A1 |
| **Synonyms** | SULT1A1; sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1; STP, STP1; sulfotransferase 1A1; P PST; ts-PST; P-PST 1; aryl sulfotransferase 1; thermostable phenol sulfotransferase1; phenol-sulfating phenol sulfotransferase 1; PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; HAST1/HAST2; MGC5163; MGC131921; |
| **Gene ID** | 6817 |
| **mRNA Refseq** | NM_001055 |
| **Protein Refseq** | NP_001046 |
| **MIM** | 171150 |
| **UniProt ID** | P50225 |

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| **SDS-PAGE** |  |



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