



# Recombinant Human Sulfotransferase 1A3 (SULT1A3)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP022935HU  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | P50224  |
| <b>Storage Buffer</b>    | Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0  |
| <b>Product Type</b>      | Recombinant Proteins  |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MELIQDTSRP PLEYVKGVPL IKYFAEALGP LQSFQARPDD LLINTYPKSG<br>TTWVSQILDM IYQGGDLEKC NRAPIYVRVP FLEVNDPGEP SGLETLDKDP<br>PPRLIKSHLP LALLPQTLTD QKVQVYVAR NPKDVAVSYY HFHRMEKAHP<br>EPGTWDSFLE KFMAGEVSYG SWYQHVQEWV ELSRTHPVLY<br>LFYEDMKENP KREIQKILEF VGRSLPEETM DFMVQHTSFK EMKKNPMTNY<br>TTVPQELMDH SISPFMRKGM AGDWKTTFTV AQNERFDADY AEKMAGCSLS<br>FRSEL   |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | SULT1A3   |
| <b>Protein Names</b>     | Recommended name: Sulfotransferase 1A3/1A4 Short name= ST1A3/ST1A4<br>EC= 2.8.2.1 Alternative name(s): Aryl sulfotransferase 1A3/1A4 Catecholamine-sulfating phenol sulfotransferase HAST3 M-PST Monoamine-sulfating phenol   |
| <b>Expression Region</b> | 1-295   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full length protein   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |