

Recombinant Human SULT2A1 Protein (His Tag)

Catalog Number:PKSH033368



Note: Centrifuge before opening to ensure complete recovery of vial contents.

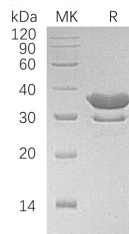
Description

| | |
|------------------------------------|---|
| Synonyms | Bile Salt Sulfotransferase;Dehydroepiandrosterone Sulfotransferase;DHEA-ST;Hydroxysteroid Sulfotransferase;HST;ST2;ST2A3;Sulfotransferase 2A1;ST2A1;SULT2A1;HST;STD;DHEA-ST;DHEAS;ST2A3 |
| Species | Human |
| Expression Host | E.coli |
| Sequence | Ser2-Glu285 |
| Accession | Q06520 |
| Calculated Molecular Weight | 35.2 kDa |
| Observed molecular weight | 34-38 kDa |
| Tag | N-His |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |
| Shipping | This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C. |
| Formulation | Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0. |
| Reconstitution | Not Applicable |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Bile Salt Sulfotransferase (SULT2A1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. SULT2A1 is primarily expressed in the liver and adrenal tissues, and to a lesser extent in the kidney. SULT2A1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor, and it catalyzes the sulfonation of steroids and bile acids in the liver and adrenal glands. SULT2A1 may have a role in the inherited adrenal androgen excess.

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