

# Recombinant Human SULT1B1 Protein (His Tag)

Catalog Number: PKSH033361



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

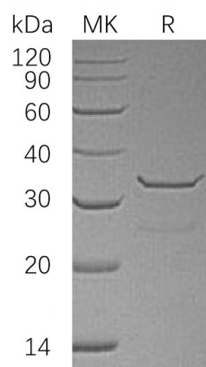
## Description

|                     |                            |
|---------------------|----------------------------|
| <b>Species</b>      | Human                      |
| <b>Mol_Mass</b>     | 36.3 kDa                   |
| <b>Accession</b>    | AAH10895.1                 |
| <b>Bio-activity</b> | Not validated for activity |

## Properties

|                       |                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.                                                                                                      |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                 |
| <b>Storage</b>        | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.                                                                      |
| <b>Shipping</b>       | 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. |
| <b>Formulation</b>    | Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.                                                                    |
| <b>Reconstitution</b> | Not Applicable                                                                                                                                  |

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Sulfotransferase Family Cytosolic 1B Member 1 (SULT1B1) is a cytosolic enzyme that belongs to the Sulfotransferase 1 family. Human SULT1B1 is a 296 amino acid protein that is highly expressed in the liver; peripheral blood leukocytes; colon; small intestine; and spleen. SULT1B1 utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor; and it can catalyze the sulfate conjugation of many hormones; neurotransmitters; drugs; and xenobiotic compounds.

## For Research Use Only