

## Recombinant Human SULT1B1, GST-tagged

Cat. No. SULT1B1-3048H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human SULT1B1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                       |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | 1-296aa                                                                                                                                                           |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                 |                                                                                                                                                                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | SULT1B1 sulfotransferase family, cytosolic, 1B, member 1 [ Homo sapiens ]                                                                                                                                                |
| Official Symbol | SULT1B1                                                                                                                                                                                                                  |
| Synonyms        | SULT1B1; sulfotransferase family, cytosolic, 1B, member 1; sulfotransferase family cytosolic 1B member 1; ST1B2; sulfotransferase 1B1; sulfotransferase 1B2; thyroid hormone sulfotransferase; ST1B1; SULT1B2; MGC13356; |

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|                            |                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 27284                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>         | NM_014465                                                                                                                                                                                                              |
| <b>Protein Refseq</b>      | NP_055280                                                                                                                                                                                                              |
| <b>MIM</b>                 | 608436                                                                                                                                                                                                                 |
| <b>UniProt ID</b>          | O43704                                                                                                                                                                                                                 |
| <b>Chromosome Location</b> | 4q13.3                                                                                                                                                                                                                 |
| <b>Pathway</b>             | Biological oxidations, organism-specific biosystem; Cytosolic sulfonation of small molecules, organism-specific biosystem; Metabolism, organism-specific biosystem; Phase II conjugation, organism-specific biosystem; |
| <b>Function</b>            | aryl sulfotransferase activity; sulfotransferase activity; transferase activity;                                                                                                                                       |

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