

## Recombinant Human SULT2B1, His-tagged

**Cat. No.** SULT2B1-3051H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SULT2B1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-365aa                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Tag</b>              | His                                                                                                                                                                   |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

### GENE INFORMATION

|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| <b>Gene Name</b> | SULT2B1 sulfotransferase family, cytosolic, 2B, member 1 [ Homo sapiens ] |
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|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | SULT2B1                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>            | SULT2B1; sulfotransferase family, cytosolic, 2B, member 1; sulfotransferase family cytosolic 2B member 1; HSST2; ST2B1; sulfotransferase 2B1; alcohol sulfotransferase; hydroxysteroid sulfotransferase 2;                                                      |
| <b>Gene ID</b>             | 6820                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_004605                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_004596                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | 604125                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | O00204                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 19q13.3                                                                                                                                                                                                                                                         |
| <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; Steroid hormone biosynthesis, organism-s |
| <b>Function</b>            | alcohol sulfotransferase activity; protein binding; steroid sulfotransferase activity; transferase activity;                                                                                                                                                    |