

## Product datasheet for **TP720937**

### **SULT1C2 (NM\_001056) Human Recombinant Protein**

#### **Product data:**

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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | Purified recombinant protein of Human sulfotransferase family, cytosolic, 1C, member 2 (SULT1C2), transcript variant 1 |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | E. coli  |
| <b>Expression cDNA Clone or AA Sequence:</b> | Met1-Leu296  |
| <b>Tag:</b>                                  | N-His  |
| <b>Predicted MW:</b>                         | 36 kDa   |
| <b>Purity:</b>                               | >95% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Buffer:</b>                               | Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.5.   |
| <b>Endotoxin:</b>                            | Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)  |
| <b>Storage:</b>                              | Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.                               |
| <b>Stability:</b>                            | Stable for at least 3 months from date of receipt under proper storage and handling conditions.                        |
| <b>RefSeq:</b>                               | <a href="#">NP_001047</a>  |
| <b>Locus ID:</b>                             | 6819   |
| <b>UniProt ID:</b>                           | <a href="#">O00338</a>   |
| <b>RefSeq Size:</b>                          | 2799   |
| <b>Cytogenetics:</b>                         | 2q12.3   |
| <b>RefSeq ORF:</b>                           | 888  |
| <b>Synonyms:</b>                             | humSULTC2; ST1C1; ST1C2; SULT1C1   |



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**Summary:**

Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene encodes a protein that belongs to the SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]