

## Product datasheet for **TP720938M**

### **SULT2A1 (NM\_003167) 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, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1 (SULT2A1) |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | E. coli  |
| <b>Expression cDNA Clone or AA Sequence:</b> | Ser2-Glu285  |
| <b>Tag:</b>                                  | N-His  |
| <b>Predicted MW:</b>                         | 35.2 kDa   |
| <b>Purity:</b>                               | >95% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Buffer:</b>                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl  |
| <b>Endotoxin:</b>                            | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)  |
| <b>Storage:</b>                              | Store at -80°C.  |
| <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_003158</a>  |
| <b>Locus ID:</b>                             | 6822   |
| <b>UniProt ID:</b>                           | <a href="#">Q06520</a> , <a href="#">A8K015</a>  |
| <b>RefSeq Size:</b>                          | 1987   |
| <b>Cytogenetics:</b>                         | 19q13.33   |
| <b>RefSeq ORF:</b>                           | 855  |
| <b>Synonyms:</b>                             | DHEA-ST; DHEA-ST8; DHEAS; HST; hSTa; ST2; ST2A1; ST2A3; STD; SULT2A3   |



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**Summary:**

This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. This protein catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands, and may have a role in the inherited adrenal androgen excess in women with polycystic ovary syndrome. [provided by RefSeq, Mar 2010]