

Product datasheet for **TP313146**

SULT1C4 (NM_006588) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human sulfotransferase family, cytosolic, 1C, member 4 (SULT1C4), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC213146 representing NM_006588 Red =Cloning site Green =Tags(s) |
| | <p>MALHDMEDFTFDGTKRLSVNYVKGILQPTDTCDIWDKIWNFQAKPDDLLISTYPKAGTTWTQEIVELIQN EGDVEKSKRAPHQRFPFLEMKIPSLGSGLEQAHAMPSRILKTHLPFHLLPPSLLLEKNCKIIVARNPK DNMVSYYHFQRMNKALPAPGTWEEYFETFLAGKVCWGSWHEHVKGWWEAKDKHRILYLFYEDMKKNPKHE IQKLAFIGKLLDDKVLDKIVHYTSFDVMKQNP MANYSSIPAEIMDHSISPFMRKGAVGDWKKHFTVAQN ERFDEYKKKMTDTRLTFHFQF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 35.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_006579</u> |
| Locus ID: | 27233 |



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UniProt ID: [O75897](#)

RefSeq Size: 1664

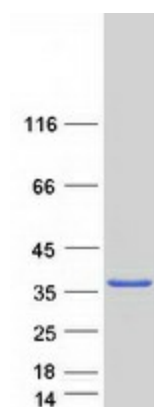
Cytogenetics: 2q12.3

RefSeq ORF: 906

Synonyms: SULT1C; SULT1C2

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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SULT1C4 protein (Cat# TP313146). The protein was produced from HEK293T cells transfected with SULT1C4 cDNA clone (Cat# [RC213146]) using MegaTran 2.0 (Cat# [TT210002]).