

Active Recombinant Human SULT1C4 Protein, Met & His-tagged

Cat. No. SULT1C4-1046H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULT1C4 (Accession # O75897) Ala2-Phe302, fused with an N-terminal Met and 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Phe302
Predicted N Terminal	Met
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl, Brij-35 and DTT.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to 1-Naphthol. The specific activity is >150 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human SULT1C4, Met & His-tagged has a calculated MW of 36 kDa. In SDS-PAGE migrates as 34-38 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

Reconstitution

Reconstitute at 100 µg/mL in PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

SULT1C4 sulfotransferase family, cytosolic, 1C, member 4 [Homo sapiens]

Official Symbol

SULT1C4

Synonyms

SULT1C4; sulfotransferase family, cytosolic, 1C, member 4; sulfotransferase family, cytosolic, 1C, member 2 , SULT1C2; sulfotransferase 1C4; SULT1C; ST1C4; SULT1C#2; sulfotransferase 1C2; sulfotransferase family, cytosolic, 1C, member 2; sulfotransferase family, cytosolic, 1C, member C2; SULT1C2; MGC34422; MGC149521;

Gene ID

27233

mRNA Refseq

NM_006588

Protein Refseq

NP_006579

MIM

608357

UniProt ID

O75897

**Chromosome
Location**

2q12.3

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