Active Recombinant Human SULT1C2 Protein, His-tagged

Cat. No. SULT1C2-892H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULT1C2 (Accession # O00338) Ala2-Leu296, fused with N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Leu296
Predicted N Terminal	Inconclusive. Protein identity confirmed by mass spec, His tag confirmed by anti-His Western analysis.
Form	Supplied as a 0.2 μm filtered solution in MES, NaCl and DTT.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to 4-nitrophenol.The specific activity is >45 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human SULT1C2, His-tagged has a calculated MW of 38 kDa. In SDS-PAGE migrates as 34-37 kDa, reducing conditions.
Purity	>80%, 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 (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

GENE INFORMATION

Gene Name	SULT1C2 sulfotransferase family, cytosolic, 1C, member 2 [Homo sapiens]
Official Symbol	SULT1C2
Synonyms	SULT1C2; sulfotransferase family, cytosolic, 1C, member 2; sulfotransferase family, cytosolic, 1C, member 1 , SULT1C1; sulfotransferase 1C2; ST1C1; SULT1C#1; sulfotransferase 1C1; sulfotransferase family, cytosolic, 1C, member 1; ST1C2; SULT1C1; humSULTC2;
Gene ID	6819
mRNA Refseq	NM_001056
Protein Refseq	NP_001047
MIM	602385
UniProt ID	O00338
Chromosome Location	2q12.3

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