

Product datasheet for TP304478

SULT2B1 (NM_177973) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sulfotransferase family, cytosolic, 2B, member 1 (SULT2B1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204478 protein sequence Red=Cloning site Green=Tags(s)

MDGPAEPQIPGLWDTYEDDISEISQKLPGEYFRYKGVFPVGLYSLESISLAENTQDVRDDDIFITYPK
SGTTWMIEIICLILKEGDPWSWIRSVPIWERAPWCETIVGAFSLPDQYSPRLMSSHLPQIFTKAFFSSKA
KVIYMGRNPRDVVSLYHYSKIAGQLKDPGTPDQFLRDFLKGEVQFGSWFDHIKGLWRMKGKDNFLFITY
EELQQDLQGSVERICGFLGRPLGKEALGSVAHSTFSAMKANTMSNYTLPPSLLDHRRGAFLRKGVCGD
WKNHFTVAQSEAFDRAYRKQMRGMPTFPWDEDPEEDGSPDPEPSPEPEPKSLEPNTSLEREPRPNSSPS
PSPGQASETPHPRPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	41.1 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_814444</u>



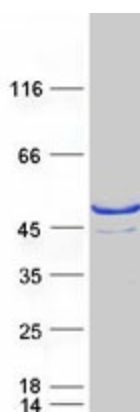
[View online »](#)

Locus ID: 6820
UniProt ID: [O00204](#)
RefSeq Size: 1228
Cytogenetics: 19q13.33
RefSeq ORF: 1095
Synonyms: ARCI14; HSST2

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 sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described. [provided by RefSeq, Jul 2008]

Protein Pathways: Androgen and estrogen metabolism, Sulfur metabolism

Product images:



Coomassie blue staining of purified SULT2B1 protein (Cat# TP304478). The protein was produced from HEK293T cells transfected with SULT2B1 cDNA clone (Cat# [RC204478]) using MegaTran 2.0 (Cat# [TT210002]).