

Product datasheet for TP304737L

SULT2A1 (NM_003167) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1 (SULT2A1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204737 protein sequence Red=Cloning site Green=Tags(s)

MSDDFLWFEGIAFPTMGRSETLRKVRDEFVIRDEDVIILTYPKSGTNWLAEILCLMHSKGDAKWIQSVP
IWERSPWVESEIGYTALSETESPRLFSSHLPIQLFPKSFSSKAKVIYLMRNPDRVLSGYFFWKNMKFI
KKPKSWEEYFEWFCQGTVLYGSWFDHIHGWMMPMREEKNFLLSYEELKQDTGRTIEKICQFLGKTLEPEE
LNLILKNSSFQSMKENKMSNYLLSVDYVVDKAQLLRKGVSGDWKNHFTVAQAEDFDKLFQEKMADLPRE
LFPWE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.6 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:	NP_003158
Locus ID:	6822



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UniProt ID: [Q06520](#), [A8K015](#)

RefSeq Size: 1987

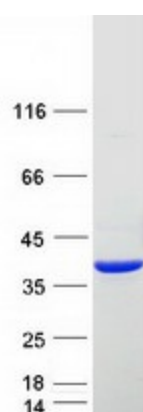
Cytogenetics: 19q13.33

RefSeq ORF: 855

Synonyms: DHEA-ST; DHEA-ST8; DHEAS; HST; hSTa; ST2; ST2A1; ST2A3; STD; SULT2A3

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]

Product images:



Coomassie blue staining of purified SULT2A1 protein (Cat# [TP304737]). The protein was produced from HEK293T cells transfected with SULT2A1 cDNA clone (Cat# [RC204737]) using MegaTran 2.0 (Cat# [TT210002]).