

Product datasheet for **AR39023PU-N**

SULT2A1 / HST (1-285, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SULT2A1 / HST (1-285, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SGLVPRGSH</u> MSDDFLWFEG IAFPTMGFRS ETLRKVRDEF VIRDEDVIL TYPKSGTNWL AEILCLMHSK GDAKWIQSVW IWERSPWVES EIGYTALSET ESPRLFSSHL PIQLFPKSFF SSKAKVIYLM RNPRDVLVSG YFFWKNMKFI KKPKSWEYF EWFCQGTVLY GSWFDHIHGW MPMREEKNFL LLSYEELKQD TGRTIEKICQ FLGKTLEPEE LNLILKNSSF QSMKENKMSN YSLLSVDYVW DKAQLLRKGV SGDWNHFTV AQAEDFDKLF QEKMADLPRE LFPWE
Tag:	His-tag
Predicted MW:	35.9 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SULT2A1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_003158</u>
Locus ID:	6822
UniProt ID:	<u>Q06520, A8K015</u>
Cytogenetics:	19q13.33
Synonyms:	DHEA-ST; DHEA-ST8; DHEAS; HST; hSTa; ST2; ST2A1; ST2A3; STD; SULT2A3



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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: