

## Product datasheet for **AR09162PU-L**

### SULT1E1 (1-294, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SULT1E1 (1-294, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MNSELDYYEK FEEVHGILMY KDFVKYWDNV EAFQARPDDL VIATYPKSGT TWVSEIVYMI YKEGDVEKCK EDVIFNRIPF LECRKENLMN GVKQLDEMNS PRIVKTHLPP ELLPASFWEK DCKIYLCRN AKDVAVSFYY FFLMVAGHPN PGSLPEFVEK FMQGQVPYGS WYKHVKSWWWE KKGSPRVLFL FYEDLKEDIR KEVIKLIHFL ERKPSEELVD RIIHHTSFQE MKNNPSTNYT TLPDEIMNQK LSPFMRKGIT GDWKNHFTVA LNEKFDKHYE QQMKESTLKF RTEILEHHHH HH
Tag:	His-tag
Predicted MW:	36.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant SULT1E1, fused to His-tag at C-terminus, was expressed in E.coli and was purified by 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:	<a href="#">NP_005411</a>
Locus ID:	6783
UniProt ID:	<a href="#">P49888</a> , <a href="#">Q53X91</a>
Cytogenetics:	4q13.3



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**Synonyms:** EST; EST-1; ST1E1; STE

**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 encodes a protein that transfers a sulfo moiety to and from estrone, which may control levels of estrogen receptors. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Androgen and estrogen metabolism, Sulfur metabolism

**Product images:**

