

Product datasheet for **RC206535L3V**

Estrogen Sulfotransferase (SULT1E1) (NM_005420) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Estrogen Sulfotransferase (SULT1E1) (NM_005420) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Estrogen Sulfotransferase
Synonyms:	EST; EST-1; ST1E1; STE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005420
ORF Size:	882 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206535).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005420.2
RefSeq Size:	1805 bp
RefSeq ORF:	885 bp
Locus ID:	6783
UniProt ID:	P49888
Cytogenetics:	4q13.3
Protein Pathways:	Androgen and estrogen metabolism, Sulfur metabolism



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MW: 35.1 kDa

Gene 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]