

Product datasheet for **RC210799L4V**

uronyl 2 sulfotransferase (UST) (NM_005715) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	uronyl 2 sulfotransferase (UST) (NM_005715) Human Tagged ORF Clone Lentiviral Particle
Symbol:	uronyl 2 sulfotransferase
Synonyms:	2OST
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005715
ORF Size:	1218 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210799).
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_005715.1
RefSeq Size:	4396 bp
RefSeq ORF:	1221 bp
Locus ID:	10090
UniProt ID:	Q9Y2C2
Cytogenetics:	6q25.1
Domains:	HS2ST
Protein Families:	Transmembrane



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Protein Pathways: Chondroitin sulfate biosynthesis

MW: 47.7 kDa

Gene Summary: Uronyl 2-sulfotransferase transfers sulfate to the 2-position of uronyl residues, such as iduronyl residues in dermatan sulfate and glucuronyl residues in chondroitin sulfate (Kobayashi et al., 1999 [PubMed 10187838]).[supplied by OMIM, Mar 2008]