

Product datasheet for **RC205857L4V**

Arylsulfatase D (ARSD) (NM_001669) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Arylsulfatase D (ARSD) (NM_001669) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Arylsulfatase D
Synonyms:	ASD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001669
ORF Size:	1779 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205857).
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_001669.2
RefSeq Size:	5159 bp
RefSeq ORF:	1782 bp
Locus ID:	414
UniProt ID:	P51689
Cytogenetics:	Xp22.33
Domains:	Sulfatase
Protein Families:	Druggable Genome, Transmembrane



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MW: 64.86 kDa

Gene Summary: The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. The encoded protein is postrationally glycosylated and localized to the lysosome. This gene is located within a cluster of similar arylsulfatase genes on chromosome X. A related pseudogene has been identified in the pseudoautosomal region of chromosome Y. [provided by RefSeq, Jul 2011]