Product datasheet for RC224620L4V

ARSE (ARSL) (NM_000047) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARSE (ARSL) (NM_000047) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARSL
Synonyms:	ARSE; ASE; CDPX; CDPX1; CDPXR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000047
ORF Size:	1767 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224620).
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_000047.1
RefSeq Size:	2220 bp
RefSeq ORF:	1770 bp
Locus ID:	415
UniProt ID:	P51690
Cytogenetics:	Xp22.33
Domains:	Sulfatase
Protein Families:	Druggable Genome, Transmembrane

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MW: 65.7 kDa

Gene Summary: Arylsulfatase E is a member of the sulfatase family. It is glycosylated postranslationally and localized to the golgi apparatus. Sulfatases are essential for the correct composition of bone and cartilage matrix. X-linked chondrodysplasia punctata, a disease characterized by abnormalities in cartilage and bone development, has been linked to mutations in this gene. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the Y chromosome. [provided by RefSeq, Sep 2013]