

Product datasheet for **RC216632L4V**

Sulfatase 1 (SULF1) (NM_015170) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sulfatase 1 (SULF1) (NM_015170) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Sulfatase 1
Synonyms:	SULF-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015170
ORF Size:	2613 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216632).
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_015170.1
RefSeq Size:	5699 bp
RefSeq ORF:	2616 bp
Locus ID:	23213
UniProt ID:	Q8IWU6
Cytogenetics:	8q13.2-q13.3
Protein Families:	Druggable Genome
MW:	100.8 kDa


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Gene Summary:

This gene encodes an extracellular heparan sulfate endosulfatase. The encoded enzyme selectively removes 6-O-sulfate groups from heparan sulfate chains of heparan sulfate proteoglycans (HSPGs). The enzyme is secreted through the Golgi and is subsequently localized to the cell surface. The expression of this gene may be down-regulated in several types of cancer, including hepatocellular (HCC), ovarian and breast cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]