

Product datasheet for **RC203164L4V**

SCLY (NM_016510) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SCLY (NM_016510) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCLY
Synonyms:	hSCL; SCL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016510
ORF Size:	1335 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203164).
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_016510.3 , NP_057594.2
RefSeq Size:	2544 bp
RefSeq ORF:	1338 bp
Locus ID:	51540
UniProt ID:	Q96115
Cytogenetics:	2q37.3
Domains:	aminotran_5
Protein Pathways:	Metabolic pathways, Selenoamino acid metabolism



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MW: 48.2 kDa

Gene Summary: Selenocysteine lyase (SCLY; EC 4.4.1.16) catalyzes the pyridoxal 5-prime phosphate-dependent conversion of L-selenocysteine to L-alanine and elemental selenium (Mihara et al., 2000 [PubMed 10692412]).[supplied by OMIM, Mar 2008]