

Product datasheet for **RC213722L4V**

SLC39A7 (NM_001077516) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC39A7 (NM_001077516) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC39A7
Synonyms:	D6S115E; D6S2244E; H2-KE4; HKE4; KE4; RING5; ZIP7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001077516
ORF Size:	1407 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213722).
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_001077516.1
RefSeq Size:	2172 bp
RefSeq ORF:	1410 bp
Locus ID:	7922
UniProt ID:	Q92504
Cytogenetics:	6p21.32
Protein Families:	Transmembrane
MW:	50.1 kDa



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Gene Summary:

The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]