

Product datasheet for **RC209198L3V**

SLC30A7 (NM_133496) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC30A7 (NM_133496) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC30A7
Synonyms:	ZnT-7; ZNT7; ZnTL2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_133496
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209198).
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_133496.3 , NP_598003.2
RefSeq Size:	8232 bp
RefSeq ORF:	1131 bp
Locus ID:	148867
UniProt ID:	Q8NEW0
Cytogenetics:	1p21.2
Domains:	Cation_efflux
Protein Families:	Transmembrane

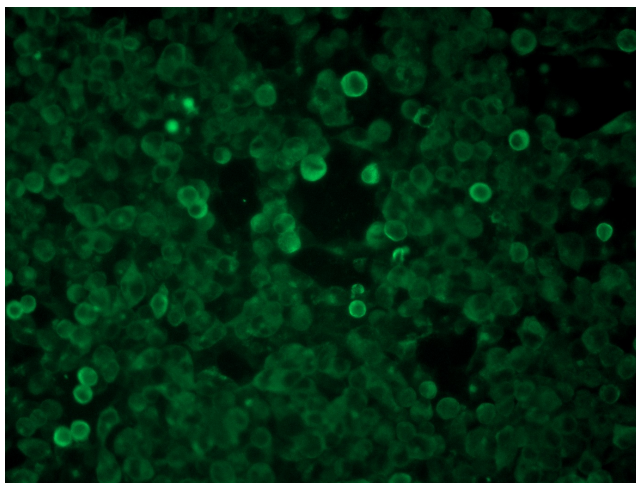


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MW: 41.6 kDa

Gene Summary: Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an intra- and intercellular signal ion. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A7, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).[supplied by OMIM, Mar 2008]

Product images:



[RC209198L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209198L3V particle to overexpress human SLC30A7-Myc-DDK fusion protein.