OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC225926L3V

SLC39A5 (NM_001135195) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC39A5 (NM_001135195) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC39A5
Synonyms:	LZT-Hs7; MYP24; ZIP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001135195
ORF Size:	1620 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225926).
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_001135195.1, NP_001128667.1
RefSeq Size:	1985 bp
RefSeq ORF:	1623 bp
Locus ID:	283375
UniProt ID:	Q6ZMH5
Cytogenetics:	12q13.3
Protein Families:	Transmembrane
MW:	56.5 kDa

View online »

Gene Summary: The protein encoded by this gene belongs to the ZIP family of zinc transporters that transport zinc into cells from outside, and play a crucial role in controlling intracellular zinc levels. Zinc is an essential cofactor for many enzymes and proteins involved in gene transcription, growth, development and differentiation. Mutations in this gene have been associated with autosomal dominant high myopia (MYP24). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2014]