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Product datasheet for RC229780L4V

SLC29A3 (NM_001174098) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC29A3 (NM_001174098) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC29A3
Synonyms:	ENT3; HCLAP; HJCD; PHID
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001174098
ORF Size:	1628 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC229780).`
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_001174098.1, NP_001167569.1
RefSeq Size:	2283 bp
RefSeq ORF:	777 bp
Locus ID:	55315
UniProt ID:	Q9BZD2
Cytogenetics:	10q22.1
Protein Families:	Transmembrane
MW:	51.9 kDa

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Gene Summary: This gene encodes a nucleoside transporter. The encoded protein plays a role in cellular uptake of nucleosides, nucleobases, and their related analogs. Mutations in this gene have been associated with H syndrome, which is characterized by cutaneous hyperpigmentation and hypertrichosis, hepatosplenomegaly, heart anomalies, and hypogonadism. A related disorder, PHID (pigmented hypertrichosis with insulin-dependent diabetes mellitus), has also been associated with mutations at this locus. Alternatively spliced transcript variants have been described.[provided by RefSeq, Mar 2010]