

Product datasheet for **RC230373L4V**

SLC44A4 (NM_001178045) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC44A4 (NM_001178045) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC44A4
Synonyms:	C6orf29; CTL4; DFNA72; hTPPT1; NG22; TPPT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001178045
ORF Size:	1902 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230373).
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_001178045.1 , NP_001171516.1
RefSeq Size:	2646 bp
RefSeq ORF:	1905 bp
Locus ID:	80736
UniProt ID:	Q53GD3
Cytogenetics:	6p21.33
Protein Families:	Transmembrane
MW:	70.8 kDa



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Gene Summary:

The protein encoded by this gene may be a sodium-dependent transmembrane transport protein involved in the uptake of choline by cholinergic neurons. Defects in this gene can cause sialidosis, a lysosomal storage disease. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2010]