

Product datasheet for **RC208249L4V**

Glutaredoxin 5 (GLRX5) (NM_016417) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Glutaredoxin 5 (GLRX5) (NM_016417) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Glutaredoxin 5
Synonyms:	C14orf87; FLB4739; GRX5; PR01238; PRO1238; PRSA; SIDBA3; SPAHGC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016417
ORF Size:	471 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208249).
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_016417.2
RefSeq Size:	1182 bp
RefSeq ORF:	474 bp
Locus ID:	51218
UniProt ID:	Q86SX6
Cytogenetics:	14q32.13
MW:	17.1 kDa


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Gene Summary:

This gene encodes a mitochondrial protein, which is evolutionarily conserved. It is involved in the biogenesis of iron-sulfur clusters, which are required for normal iron homeostasis. Mutations in this gene are associated with autosomal recessive pyridoxine-refractory sideroblastic anemia. [provided by RefSeq, May 2010]