

Product datasheet for **RC205043L3V**

GLYATL2 (NM_145016) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GLYATL2 (NM_145016) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GLYATL2
Synonyms:	BXMAS2-10; GATF-B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_145016
ORF Size:	882 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205043).
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_145016.2
RefSeq Size:	1386 bp
RefSeq ORF:	885 bp
Locus ID:	219970
UniProt ID:	Q8WU03
Cytogenetics:	11q12.1
MW:	34.3 kDa



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Gene Summary:

Mitochondrial acyltransferase which transfers the acyl group to the N-terminus of glycine. Conjugates numerous substrates, such as arachidonoyl-CoA and saturated medium and long-chain acyl-CoAs ranging from chain-length C8:0-CoA to C18:0-CoA, to form a variety of N-acylglycines. Shows a preference for monounsaturated fatty acid oleoyl-CoA (C18:1-CoA) as an acyl donor. Does not exhibit any activity toward C22:6-CoA and chenodeoxycholoyl-CoA, nor toward serine or alanine.[UniProtKB/Swiss-Prot Function]