

Product datasheet for **RC209532L3V**

BOLA1 (NM_016074) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BOLA1 (NM_016074) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BOLA1
Synonyms:	CGI-143
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016074
ORF Size:	411 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209532).
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_016074.1
RefSeq Size:	812 bp
RefSeq ORF:	414 bp
Locus ID:	51027
UniProt ID:	Q9Y3E2
Cytogenetics:	1q21.2
Domains:	BolA
Protein Families:	Transcription Factors



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MW: 14.1 kDa

Gene Summary: Acts as a mitochondrial iron-sulfur (Fe-S) cluster assembly factor that facilitates (Fe-S) cluster insertion into a subset of mitochondrial proteins (By similarity). Probably acts together with the monothiol glutaredoxin GLRX5 (PubMed:27532772). May protect cells against oxidative stress (PubMed:22746225).[UniProtKB/Swiss-Prot Function]