

Product datasheet for **RC221460L4V**

ZBTB8OS (NM_178547) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZBTB8OS (NM_178547) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZBTB8OS
Synonyms:	ARCH; ARCH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178547
ORF Size:	537 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221460).
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_178547.2
RefSeq Size:	717 bp
RefSeq ORF:	540 bp
Locus ID:	339487
UniProt ID:	Q8IWT0
Cytogenetics:	1p35.1
MW:	20.5 kDa



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Gene Summary:

Component of the tRNA-splicing ligase complex required to facilitate the enzymatic turnover of catalytic subunit RTCB. Together with DDX1, acts by facilitating the guanylation of RTCB, a key intermediate step in tRNA ligation.[UniProtKB/Swiss-Prot Function]