

Product datasheet for **RC200114L4V**

C20orf20 (MRGBP) (NM_018270) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C20orf20 (MRGBP) (NM_018270) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C20orf20
Synonyms:	C20orf20; Eaf7; MRG15BP; URCC4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018270
ORF Size:	612 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200114).
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_018270.3
RefSeq Size:	1659 bp
RefSeq ORF:	615 bp
Locus ID:	55257
UniProt ID:	Q9NV56
Cytogenetics:	20q13.33
Protein Families:	Transcription Factors
MW:	22.4 kDa



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Gene Summary:

Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. [UniProtKB/Swiss-Prot Function]