

Product datasheet for **RR200750L4V**

Aebp1 (NM_001100970) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aebp1 (NM_001100970) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Aebp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001100970
ORF Size:	3384 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200750).
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_001100970.1 , NP_001094440.1
RefSeq Size:	3817 bp
RefSeq ORF:	3387 bp
Locus ID:	305494
UniProt ID:	A2RUV9
Cytogenetics:	14q21



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Gene Summary:

As a positive regulator of collagen fibrillogenesis, it is probably involved in the organization and remodeling of the extracellular matrix (By similarity). May positively regulate MAP-kinase activity in adipocytes, leading to enhanced adipocyte proliferation and reduced adipocyte differentiation. May also positively regulate NF-kappa-B activity in macrophages by promoting the phosphorylation and subsequent degradation of I-kappa-B-alpha (NFKBIA), leading to enhanced macrophage inflammatory responsiveness. Can act as a transcriptional repressor. [UniProtKB/Swiss-Prot Function]