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Product datasheet for RC200070L4V

AATF (NM_012138) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AATF (NM_012138) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AATF
Synonyms:	BFR2; CHE-1; CHE1; DED
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012138
ORF Size:	1680 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC200070).`
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_012138.3
RefSeq Size:	2172 bp
RefSeq ORF:	1683 bp
Locus ID:	26574
UniProt ID:	Q9NY61
Cytogenetics:	17q12
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
MW:	63.1 kDa

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Gene Summary: The protein encoded by this gene was identified on the basis of its interaction with MAP3K12/DLK, a protein kinase known to be involved in the induction of cell apoptosis. This gene product contains a leucine zipper, which is a characteristic motif of transcription factors, and was shown to exhibit strong transactivation activity when fused to Gal4 DNA binding domain. Overexpression of this gene interfered with MAP3K12 induced apoptosis. [provided by RefSeq, Jul 2008]