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Product datasheet for RC227526L3V

AFMID (NM_001145526) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AFMID (NM_001145526) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AFMID
Synonyms:	FKF; KF; KFA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001145526
ORF Size:	924 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227526).
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_001145526.2, NP_001138998.1
RefSeq Size:	1770 bp
RefSeq ORF:	927 bp
Locus ID:	125061
UniProt ID:	Q63HM1
Cytogenetics:	17q25.3
Protein Pathways:	Glyoxylate and dicarboxylate metabolism, Metabolic pathways, Tryptophan metabolism
MW:	34.5 kDa

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Gene Summary: Catalyzes the hydrolysis of N-formyl-L-kynurenine to L-kynurenine, the second step in the kynurenine pathway of tryptophan degradation. Kynurenine may be further oxidized to nicotinic acid, NAD(H) and NADP(H). Required for elimination of toxic metabolites. [UniProtKB/Swiss-Prot Function]