

Product datasheet for **RC217774L3V**

I Afadin (AFDN) (NM_001040000) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	I Afadin (AFDN) (NM_001040000) Human Tagged ORF Clone Lentiviral Particle
Symbol:	I Afadin
Synonyms:	AF6; I-afadin; MLL-AF6; MLLT4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001040000
ORF Size:	4953 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217774).
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_001040000.2
RefSeq Size:	7629 bp
RefSeq ORF:	4956 bp
Locus ID:	4301
UniProt ID:	P55196
Cytogenetics:	6q27
Protein Families:	Druggable Genome
Protein Pathways:	Adherens junction, Leukocyte transendothelial migration, Tight junction



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MW: 187.7 kDa

Gene Summary: This gene encodes a multi-domain protein involved in signaling and organization of cell junctions during embryogenesis. It has also been identified as the fusion partner of acute lymphoblastic leukemia (ALL-1) gene, involved in acute myeloid leukemias with t(6;11) (q27;q23) translocation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, however, not all have been fully characterized.[provided by RefSeq, May 2011]