

Product datasheet for **RC230692L1V**

AFF2 (NM_001169124) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	AFF2
Synonyms:	FMR2; FMR2P; FRAXE; MRX2; OX19; XLID109
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001169124
ORF Size:	3828 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC230692).

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_001169124.1](#)

RefSeq ORF: 3831 bp

Locus ID: 2334

UniProt ID: [P51816](#)

Cytogenetics: Xq28

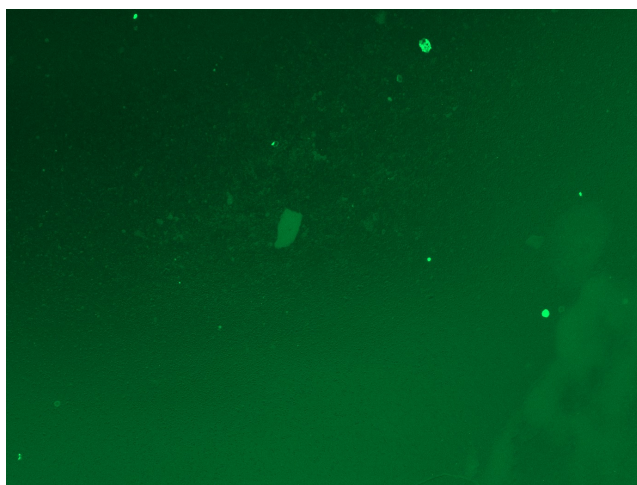
Protein Families: Druggable Genome



MW: 141.4 kDa

Gene Summary: This gene encodes a putative transcriptional activator that is a member of the AF4\FMR2 gene family. This gene is associated with the folate-sensitive fragile X E locus on chromosome X. A repeat polymorphism in the fragile X E locus results in silencing of this gene causing Fragile X E syndrome. Fragile X E syndrome is a form of nonsyndromic X-linked cognitive disability. In addition, this gene contains 6-25 GCC repeats that are expanded to >200 repeats in the disease state. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jul 2016]

Product images:



[RC230692L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC230692L1V particle to overexpress human AFF2-Myc-DDK fusion protein.