

Product datasheet for **RC230695L3V**

AFF2 (NM_001169123) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | AFF2 (NM_001169123) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | AFF2 |
| Synonyms: | FMR2; FMR2P; FRAXE; MRX2; OX19; XLID109 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001169123 |
| ORF Size: | 3903 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230695). |
| 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_001169123.1 |
| RefSeq ORF: | 3906 bp |
| Locus ID: | 2334 |
| UniProt ID: | P51816 |
| Cytogenetics: | Xq28 |
| Protein Families: | Druggable Genome |
| MW: | 144.1 kDa |



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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]