

Product datasheet for RC222699L3V

OriGene Technologies, Inc.

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FMRP (FMR1) (NM_002024) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: FMRP (FMR1) (NM_002024) Human Tagged ORF Clone Lentiviral Particle

Symbol: FMRF

Synonyms: FMRP; FRAXA; POF; POF1; POFX

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

 Tag:
 Myc-DDK

 ACCN:
 NM_002024

ORF Size: 1896 bp

ORF Nucleotide Sequence:

The ORF insert of this clone is exactly the same as(RC222699).

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.

RefSeg: NM 002024.3

 RefSeq Size:
 4362 bp

 RefSeq ORF:
 1899 bp

 Locus ID:
 2332

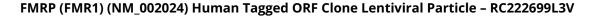
 UniProt ID:
 Q06787

 Cytogenetics:
 Xq27.3

Domains: KH

Protein Families: Druggable Genome





ORIGENE

MW:

71 kDa

Gene Summary:

The protein encoded by this gene binds RNA and is associated with polysomes. The encoded protein may be involved in mRNA trafficking from the nucleus to the cytoplasm. A trinucleotide repeat (CGG) in the 5' UTR is normally found at 6-53 copies, but an expansion to 55-230 repeats is the cause of fragile X syndrome. Expansion of the trinucleotide repeat may also cause one form of premature ovarian failure (POF1). Multiple alternatively spliced transcript variants that encode different protein isoforms and which are located in different cellular locations have been described for this gene. [provided by RefSeq, May 2010]