

Product datasheet for RC224415L4V

OriGene Technologies, Inc.

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Aprataxin (APTX) (NM 175069) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Aprataxin (APTX) (NM_175069) Human Tagged ORF Clone Lentiviral Particle

Symbol: APTX

Synonyms: AOA; AOA1; AXA1; EAOH; EOAHA; FHA-HIT

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_175069

ORF Size: 918 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC224415).

Sequence:

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 175069.1

 RefSeq Size:
 2036 bp

 RefSeq ORF:
 879 bp

 Locus ID:
 54840

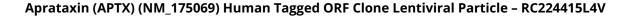
 UniProt ID:
 Q7Z2E3

 Cytogenetics:
 9p21.1

Protein Families: Druggable Genome

MW: 34.7 kDa







Gene Summary:

This gene encodes a member of the histidine triad (HIT) superfamily. The encoded protein may play a role in single-stranded DNA repair through its nucleotide-binding activity and its diadenosine polyphosphate hydrolase activity. Mutations in this gene have been associated with ataxia-ocular apraxia. Alternatively spliced transcript variants have been identified for this gene.[provided by RefSeq, Aug 2010]