

Product datasheet for RC205264L4V

OriGene Technologies, Inc.

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ALF (GTF2A1L) (NM_006872) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ALF (GTF2A1L) (NM_006872) Human Tagged ORF Clone Lentiviral Particle

Symbol: ALF Synonyms: ALF

Mammalian Cell Puromycin

Selection:

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

Tag: mGFP

ACCN: NM_006872 **ORF Size:** 1434 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC205264).

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.

RefSeq: <u>NM 006872.2</u>

 RefSeq Size:
 1710 bp

 RefSeq ORF:
 1437 bp

 Locus ID:
 11036

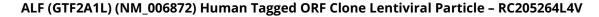
 UniProt ID:
 Q9UNN4

 Cytogenetics:
 2p16.3

Protein Families: Transcription Factors

Protein Pathways: Basal transcription factors





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MW: 52.4 kDa

Gene Summary:

The assembly and stability of the RNA polymerase II transcription pre-initiation complex on a eukaryotic core promoter involve the effects of transcription factor IIA (TFIIA) on the interaction between TATA-binding protein (TBP) and DNA. This gene encodes a germ cell-specific counterpart of the large (alpha/beta) subunit of general transcription factor TFIIA that is able to stabilize the binding of TBP to DNA and may be uniquely important to testis biology. Alternative splicing for this locus has been observed and two variants, encoding distinct isoforms, have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq, Mar 2014]