

OriGene Technologies, Inc.

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Product datasheet for RC204032L1V

Ribonuclease H2, subunit A (RNASEH2A) (NM_006397) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Name:Ribonuclease H2, subunit A (RNASEH2A) (NM_006397) Human Tagged ORF Clone Lentiviral ParticleSymbol:Ribonuclease H2, subunit ASymonyms:GS45; JUNB; RNASEHI; RNHIA; RNHL; THSD8Mammalian Cell Selection:NoneVector:plenti-C-Myc-DDK (PS100064)Tag:Md_006397ORF Size:97 bORF Nucleotide Sequence:The oRF insert of this clone is exactly the same as(RC204032).Orf Disclaimer:The nolecular 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 infoOTI Annotation:No 006397.2RefSeq Size:1148 bpLocus ID:0055UniProt ID:075792Cytogenetis:913.13Domains:08.24 HII	Product Type:	Lentiviral Particles
Synonyms:AGS4; JUNB; RNASEHI; RNHIA; RNHL; THSD8Mammalian Cell Selection:NoneVector:pLenti-C-Myc-DDK (PS100064)Tag:Myc-DDKACCN:NM_006397ORF Size:897 bpORF Nucleotide Sequence:The oRF insert of this clone is exactly the same as(RC204032).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 infoOTI Annotation:Nin 006397.2RefSeq Size:1148 bpRefSeq ORF:900 bpLocus ID:00535UniProt ID:075792Cytogenetics:19p13.13	Product Name:	
Mammalian Cell Selection:NoneMammalian CellNoneVector:pLenti-C-Myc-DDK (PS100064)Tag:Myc-DDKACCN:NM_006397ORF Size:897 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC204032).OrI 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 infoOTI 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_006397.2RefSeq ORF:900 bpLocus ID:10535UniProt ID:075792Orgenetics:19913.13	Symbol:	Ribonuclease H2, subunit A
Selection:Vector:pLenti-C-Myc-DDK (PS100064)Tag:Myc-DDKACCN:NM_006397ORF Size:897 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC204032).OTI Disclaimer:The molecular sequence of this clone aligns with the gene accession number as point of reference only. However, individual transcript sequences of the same gene can differ through auturally 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 infoOTI Annotation:Nis clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeq Size:100 bpIcous ID:00 bpLocus ID:00 bpUniProt ID:075792UniProt ID:1913.13	Synonyms:	AGS4; JUNB; RNASEHI; RNHIA; RNHL; THSD8
Tag:Myc-DDKACCN:NM_006397ORF Size:897 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC204032).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 infoOTI 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 006397.2RefSeq ORF:900 bpLocus ID:10535UniProt ID:075792Otygenetics:19p13.13		None
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RefSeq ORF: 900 bp Locus ID: 10535 UniProt ID: 075792 Cytogenetics: 19p13.13	RefSeq:	<u>NM 006397.2</u>
Locus ID: 10535 UniProt ID: 075792 Cytogenetics: 19p13.13	RefSeq Size:	1148 bp
UniProt ID: 075792 Cytogenetics: 19p13.13	RefSeq ORF:	900 bp
Cytogenetics: 19p13.13	Locus ID:	10535
	UniProt ID:	<u>075792</u>
Domains: RNase_HII	Cytogenetics:	19p13.13
	Domains:	RNase_HII



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Protein Pathways:	DNA replication
MW:	33.4 kDa
Gene Summary:	The protein encoded by this gene is a component of the heterotrimeric type II ribonuclease H enzyme (RNAseH2). RNAseH2 is the major source of ribonuclease H activity in mammalian cells and endonucleolytically cleaves ribonucleotides. It is predicted to remove Okazaki fragment RNA primers during lagging strand DNA synthesis and to excise single ribonucleotides from DNA-DNA duplexes. Mutations in this gene cause Aicardi-Goutieres Syndrome (AGS), a an autosomal recessive neurological disorder characterized by progressive microcephaly and psychomotor retardation, intracranial calcifications, elevated levels of interferon-alpha and white blood cells in the cerebrospinal fluid.[provided by RefSeq, Aug 2009]

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