

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Product datasheet for RC224341L4V

## STAC3 (NM\_145064) Human Tagged ORF Clone Lentiviral Particle

## Product data:

Product Name:STAC3 (NM_145064) Human Tagged ORF Clone Lentiviral ParticleSymbol:STAC3Symonyms:MYPBB; NAMMammalian CellPuromycinSelection:PuromycinVector:plenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_145064ORF NucleotideThe ORF insert of this clone is exactly the same as(RC224341).Sequence: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 variats is recommended prior to use. More infoOTI Disclaimer:MM. 145064.1Refseq:NM. 145064.1Refseq ORF:1095 bpLocus ID:246329UniProt ID:295 bpLocus ID:296 bpMW:217.3.MW:41.3 kDa	Product Type:	Lentiviral Particles
Synonyms:MYPBB; NAMMammalian CellPuromycinSelection:PuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_145064ORF Size:1092 bpORF NucleotideThe oRF insert of this clone is exactly the same as (RC224341).Sequence: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:NM 145064.1RefSeq Size:1643 bpRefSeq ORF:1095 bpLocus ID:246329UniProt ID:Q96MF2Cytogenetics:12q13.3	Product Name:	STAC3 (NM_145064) Human Tagged ORF Clone Lentiviral Particle
Mammalian Cell Selection:PuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_145064ORF Size:1092 bpORF Nucleotide Sequence:The molecular sequence of this clone is exactly the same as(RC224341).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 variates depending on the nature of the gene.RefSeqNM 145064.1RefSeq ORF:1095 bpLocus ID:246329UniProt ID:Q96MFZCytogenetics:12q13.3	Symbol:	STAC3
Selection:Vector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_145064ORF Size:1092 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC224341).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 145064.1RefSeq ORF:1095 bpLocus ID:246329UniProt ID:096MF2Oti Spenetics:12q13.3	Synonyms:	MYPBB; NAM
Tag:mGFPACCN:NM_145064ORF Size:1092 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC224341).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 145064.1RefSeq ORF:1095 bpLocus ID:246329UniProt ID:096MF2Cytogenetics:12q13.3		Puromycin
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RefSeq Size: 1643 bp   RefSeq ORF: 1095 bp   Locus ID: 246329   UniProt ID: Q96MF2   Cytogenetics: 12q13.3	OTI Annotation:	
RefSeq ORF: 1095 bp   Locus ID: 246329   UniProt ID: Q96MF2   Cytogenetics: 12q13.3	RefSeq:	<u>NM 145064.1</u>
Locus ID:   246329     UniProt ID:   Q96MF2     Cytogenetics:   12q13.3	RefSeq Size:	1643 bp
UniProt ID:   Q96MF2     Cytogenetics:   12q13.3	RefSeq ORF:	1095 bp
Cytogenetics: 12q13.3	Locus ID:	246329
	UniProt ID:	<u>Q96MF2</u>
<b>MW:</b> 41.3 kDa	Cytogenetics:	12q13.3
	MW:	41.3 kDa



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Gene Summary:The protein encoded by this gene is a component of the excitation-contraction coupling<br/>machinery of muscles. This protein is a member of the Stac gene family and contains an N-<br/>terminal cysteine-rich domain and two SH3 domains. Mutations in this gene are a cause of<br/>Native American myopathy. [provided by RefSeq, Nov 2013]

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