

Product datasheet for RR202677

Synj2bp (NM_022599) Rat Tagged ORF Clone

Product data:

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 Type:	Expression Plasmids
Product Name:	Synj2bp (NM_022599) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Synj2bp
Synonyms:	Omp25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>>RR202677 representing NM_022599 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGAACGGACGGGTGGATTATTTAGTCTCCGAGGAAGAGATCAACCTGACCAGAGGACCCTCGGGGCTGG GCTTCAACATCGTCGGTGGGACAGATCAACAGTATGTCTCCAATGACAGTGGCATCTACGTCAGCCGCAT CAAAGAGGATGGGGCTGCGGGCCCGGGATGGGCGGCGCCAGGAGGGGTGATAAGATCCTCTCGGTAAATGGC CAAGACCTGAAGAACCTGTTGCACCAAGATGCCGTAGACCTCTTCCGTAATGCAGGATATGCCGTGTCCC TGAGAGTGCAGCACAGGTTACCAGTGCAGAATGGACCTATAGTTCATCGAGGCGACGGAGAGCCGAGTGG AGTTCCTGTAGCTGTGGTGCTGCCGCAGTGTTTGCCCTTACCCTGGTAGCAGTTTGGGCCTTCGTGAGA TACCGAAAGCAGCTC
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>RR202677 representing NM_022599 <mark>Red=</mark> Cloning site Green=Tags(s)
	MNGRVDYLVSEEEINLTRGPSGLGFNIVGGTDQQYVSNDSGIYVSRIKEDGAAARDGRLQEGDKILSVNG QDLKNLLHQDAVDLFRNAGYAVSLRVQHRLPVQNGPIVHRGDGEPSGVPVAVVLLPVFALTLVAVWAFVR YRKQL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/ja3723_a11.zip



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

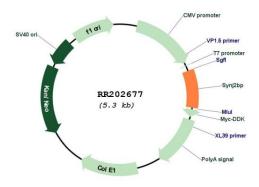
Synj2bp (NM_022599) Rat Tagged ORF Clone – RR202677

 reference only. However, individual transcript sequences of the naturally occurring variations (e.g. polymorphisms), each with it clone is substantially in agreement with the reference, but a corvariants is recommended prior to use. More info OTI Annotation: This clone was engineered to express the complete ORF with an varies depending on the nature of the gene. Components: The ORF clone is ion-exchange column purified and shipped in a containing 10ug of transfection-ready, dried plasmid DNA (record a containing 10ug of transfection-ready, dried plasmid DNA (record a containing 10 point the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C. RefSeq: NM 022599.2, NP 072121.2 RefSeq ORF: 438 bp 	control (control (cont) (control (control (cont))))))))))))))))))))))))))))))))))))	Restriction Sites:	Sgfl-Mlul
Lock Bank// Kpi Bask Bank// Kpi Bask Bas	Image: Section of the section of th	Cloning Scheme:	Sgfi ORF Miul
at cits och and by the tits of tits of tits of the tits of tits of tits of the tits of tits of tits of tits of the tits of tits	are the orth and the bit at a bit of the the orth and the bit at the		EcoRI BamHI Kpn I RBS Sgf I CTATAGGGCGGGGAATTCGTCGACTGGATCCGGTACCGGGAGGAGATCTGCCGCGGGATCGC TG ORF Miu I Not I Xho I Muc.Tag
ACCN:NM_022599ORF Size:435 bpOTI Disclaimer:The molecular sequence of this clone aligns with the gene access reference only. However, individual transcript sequences of the naturally occurring variations (e.g. polymorphisms), each with it clone is substantially in agreement with the reference, but a corvariants is recommended prior to use. More infoOTI Annotation:This clone was engineered to express the complete ORF with an varies depending on the nature of the gene.OTI Annotation:The ORF clone is ion-exchange column purified and shipped in a containing 10ug of transfection-ready, dried plasmid DNA (reco Reconstitution Method:1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C.RefSeq Size:5811 bpRefSeq ORF:438 bp	NM_022599435 bpaimer: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 infotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.tents:The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).ution Method:1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. MM 022599.2, NP 072121.2ze:5811 bpRF:438 bp		GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGGCC
ORF Size:435 bpOTI Disclaimer:The molecular sequence of this clone aligns with the gene access reference only. However, individual transcript sequences of the naturally occurring variations (e.g. polymorphisms), each with it clone is substantially in agreement with the reference, but a cor variants is recommended prior to use. More infoOTI Annotation:This clone was engineered to express the complete ORF with an varies depending on the nature of the gene.Components:The ORF clone is ion-exchange column purified and shipped in a containing 10ug of transfection-ready, dried plasmid DNA (reco 2. Carefully open the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C.RefSeq Size:5811 bpRefSeq ORF:438 bp	435 bpaimer: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 infotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.tents:The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).tution Method:1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.MM 022599.2, NP 072121.2ze:5811 bpRF:438 bp		* The last codon before the Stop codon of the ORF
DTI Disclaimer:The molecular sequence of this clone aligns with the gene access reference only. However, individual transcript sequences of the naturally occurring variations (e.g. polymorphisms), each with it clone is substantially in agreement with the reference, but a cor variants is recommended prior to use. More infoDTI Annotation:This clone was engineered to express the complete ORF with an varies depending on the nature of the gene.DTI Annotation:The ORF clone is ion-exchange column purified and shipped in a containing 10ug of transfection-ready, dried plasmid DNA (reco Reconstitution Method:Components:1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C.RefSeq Size:5811 bpRefSeq ORF:438 bp	aimer: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 infotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.ents:The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).ution Method:1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. NM 022599.2, NP 072121.2ze:\$811 bpRF:438 bp	ACCN:	NM_022599
reference only. However, individual transcript sequences of the naturally occurring variations (e.g. polymorphisms), each with it clone is substantially in agreement with the reference, but a cor variants is recommended prior to use. More info OTI Annotation: This clone was engineered to express the complete ORF with an varies depending on the nature of the gene. Components: The ORF clone is ion-exchange column purified and shipped in a containing 10ug of transfection-ready, dried plasmid DNA (reco Reconstitution Method: 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C. RefSeq Size: 5811 bp RefSeq ORF: 438 bp	 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 tation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. ents: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). ution Method: 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. NM 022599.2, NP 072121.2 ze: 5811 bp RF: 438 bp 	ORF Size:	435 bp
Components:The ORF clone is ion-exchange column purified and shipped in a containing 10ug of transfection-ready, dried plasmid DNA (reconstitution Method:1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C.RefSeq:NM 022599.2, NP 072121.2RefSeq Size:5811 bpRefSeq ORF:438 bp	 varies depending on the nature of the gene. varies depending on the nature of the gene. Inte ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). I. Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. MM 022599.2, NP 072121.2 Set: Sat1 bp RF: 438 bp 	OTI Disclaimer:	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
Reconstitution Method:1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C.RefSeq:NM 022599.2, NP 072121.2RefSeq Size:5811 bpRefSeq ORF:438 bp	 containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). aution Method: Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. MM 022599.2, NP 072121.2 S811 bp RF: 438 bp 	OTI Annotation:	
 2. Carefully open the tube and add 100ul of sterile water to diss 3. Close the tube and incubate for 10 minutes at room tempera 4. Briefly vortex the tube and then do a quick spin (less than 500 at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for a shipping when stored at -20°C. RefSeq: NM 022599.2, NP 072121.2 RefSeq Size: 5811 bp RefSeq ORF: 438 bp 	 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. NM 022599.2, NP 072121.2 ze: 5811 bp RF: 438 bp 	Components:	
RefSeq Size:5811 bpRefSeq ORF:438 bp	ze: 5811 bp RF: 438 bp	Reconstitution Method:	 Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of
RefSeq ORF:438 bp	RF: 438 bp	RefSeq:	<u>NM 022599.2, NP 072121.2</u>
		efSeq Size:	5811 bp
	64531	lefSeq ORF:	438 bp
.ocus ID: 04551		ocus ID:	64531

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	Synj2bp (NM_022599) Rat Tagged ORF Clone – RR202677
UniProt ID:	<u>Q9WVJ4</u>
Cytogenetics:	6q24
MW:	15.8 kDa
Gene Summary:	binds and recruits synaptojanin 2A to mitochondria; facilitates synaptojanin 2A mediated inositol phosphate modification activity that may regulate intracellular distribution of mitochondria [RGD, Feb 2006]

Product images:



Circular map for RR202677

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US