

Product datasheet for RC214676

Stella (DPPA3) (NM_199286) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	Stella (DPPA3) (NM_199286) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Stella
Synonyms:	Pgc7; STELLA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>>RC214676 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGGACCCATCACAGTTTAATCCAACCTACATCCCAGGGTCTCCACAAATGCTCACCGAAGAAAATTCCC GGGACGATTCAGGGGCCTCTCAAATCTCCTCCGAGACGTTGATAAAGAACCTTAGTAACTTGACTATCAA CGCTAGTAGCGAATCTGTTTCCCCTCTATTGGAAGCTTTACTCCGTCGAGAGTCTGTGGGGGGCAGCAGTC CTCAGGGAAATCGAAGATGAGTGGCTTTACAGCAGGAGAGAGA
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>RC214676 protein sequence <mark>Red=</mark> Cloning site Green=Tags(s)
	MDPSQFNPTYIPGSPQMLTEENSRDDSGASQISSETLIKNLSNLTINASSESVSPLLEALLRRESVGAAV LREIEDEWLYSRRGVRTLLSVQREKMARLRYMLLGGVRTHERRPTNKEPKGVKKESRPFKCPCSFCVSNG WDPSENARIENQDTKPLQP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/mk6455_a04.zip



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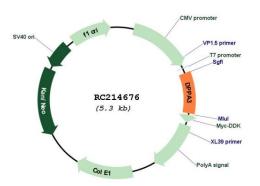
Stella (DPPA3) (NM_199286) Human Tagged ORF Clone – RC214676

Loning scheme. Loning	EVALUATE CONCLUSION C
ACCN: NM_199286 DRF Size: 477 bp OTI Disclaimer: The molecular sequreference only. How naturally occurring clone is substantia variants is recomm OTI Annotation: This clone was eng varies depending of Components: The ORF clone is io containing 10ug of Reconstitution Method: 1. Centrifuge at 5,0 2. Carefully open the 3. Close the tube at 4. Briefly vortex the at the bottom. 5. Store the susper shipping when store Note: Plasmids are not store 0.22um filter is required RefSeq: NM 199286.4	EVALUATE: Beniff Ken 1 RBS Constraints Solution: Solution: Solu
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ACCN: NM_199286 477 bp DTI Disclaimer: The molecular sequreference only. How naturally occurring clone is substantia variants is recomm DTI Annotation: This clone was engo varies depending of the ORF clone is io containing 10ug of the ORF clone is io containing the of the of the of the of the of the of the of the of the of the of the	dular sequence of this clone aligns with the gene accession number as a point of only. However, individual transcript sequences of the same gene can differ through ccurring variations (e.g. polymorphisms), each with its own valid existence. This obstantially in agreement with the reference, but a complete review of all prevailing recommended prior to use. More info was engineered to express the complete ORF with an expression tag. Expression ending on the nature of the gene. one is ion-exchange column purified and shipped in a 2D barcoded Matrix tube 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). ge at 5,000xg for 5min. open the tube and add 100ul of sterile water to dissolve the DNA. e tube and incubate for 10 minutes at room temperature. ortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid om. e suspended plasmid at -20°C. The DNA is stable for at least one year from date of hen stored at -20°C. re not sterile. For experiments where strict sterility is required, filtration with er is required.
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efSeg Size: 1040 bp	<u>5.4</u>
efSeq ORF: 480 bp	

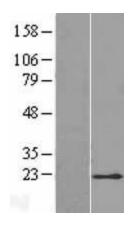
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	Stella (DPPA3) (NM_199286) Human Tagged ORF Clone – RC214676
Locus ID:	359787
UniProt ID:	<u>Q6W0C5</u>
Cytogenetics:	12p13.31
MW:	17.9 kDa
Gene Summary:	This gene encodes a protein that in mice may function as a maternal factor during the preimplantation stage of development. In mice, this gene may play a role in transcriptional repression, cell division, and maintenance of cell pluripotentiality. In humans, related intronless loci are located on chromosomes 14 and X. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC214676



Western blot validation of overexpression lysate (Cat# [LY404607]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC214676 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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