

Product datasheet for RC218449

SPATA31D1 (NM_001001670) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPATA31D1 (NM_001001670) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SPATA31D1
Synonyms:	FAM75D1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC218449 representing NM_001001670 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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Protein Sequence: >RC218449 representing NM_001001670
 Red=Cloning site Green=Tags(s)

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 TKSCSQQAIFVQNYPTRIRQIIDKDRPQKVEAFK GKILCQSH PQSMPHRKPVPHNPNTCRRQVSLVCP
 AVPTSAKSPVFS DVPFLTGQKMLPKHLQGKFPPTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8001_c01.zip

Restriction Sites: Sgfl-MluI

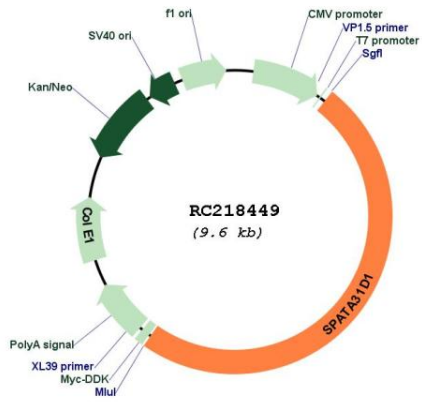
Cloning Scheme:



ACCN: NM_001001670

ORF Size:	4728 bp
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.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">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.
RefSeq:	NM_001001670.1 , NP_001001670.1
RefSeq Size:	4828 bp
RefSeq ORF:	4731 bp
Locus ID:	389763
UniProt ID:	Q6ZQQ2
Cytogenetics:	9q21.32
Protein Families:	Transmembrane
MW:	175.4 kDa
Gene Summary:	May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC218449