

# Product datasheet for VC100676

## 3B (NC\_009887) Virus Tagged ORF Clone

## **Product data:**

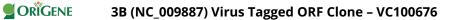
### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids	
	•	
Product Name:	3B (NC_009887) Virus Tagged ORF Clone	
Tag:	Myc-DDK	
Symbol:	3B	
Mammalian Cell Selection:	Neomycin	
Vector:	pCMV6-Entry (PS100001)	
E. coli Selection:	Kanamycin (25 ug/mL)	
ORF Nucleotide Sequence:	>The Viral ORF clone VC100676 represents NCBI reference of YP_001497171 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)	
	GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C	
	ATGGGAGCGTATACAGGACTGCCAAATCAGAAGCCAAAGGTTCCCACCCTGCGGCAAGCGAAGGTGCAG	
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>	
Protein Sequence:	>VC100676 representing YP_001497171 Red=Cloning sites Green=Tags	
	MGAYTGLPNQKPKVPTLRQAKVQ	
	TRTRRLEQKLISEEDLAANDILDYKDDDDKV	
Restriction Sites:	Sgfl-Mlul	



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### **Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

ACCN:	NC_009887
ORF Size:	69 bp
OTI Disclaimer:	The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NC 009887.1, YP 001497171</u>
RefSeq ORF:	69 bp

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	3B (NC_009887) Virus Tagged ORF Clone – VC100676	
MW:	2.5 kDa	

MW:

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