

Product datasheet for VC102188

3A mature peptide (NC_001489) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: 3A mature peptide (NC_001489) Virus Tagged ORF Clone Tag: Myc-DDK Symbol: 3A mature peptide Mammalian Cell Neomycin Selection: pCMV6-Entry (PS100001) Vector: E. coli Selection: Kanamycin (25 ug/mL) >The Viral ORF clone VC102188 represents NCBI reference of NP_740556 with codon **ORF** Nucleotide optimized for human cell expression Sequence: Red=Cloning site Blue=ORF Green=Tags(s) GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGAATTAGTGATGATGACAATGATTCCGCTGTTGCCGAATTCTTTCAGAGCTTCCCATCCGGGGAAC CATCCAACTCTAAACTGTCCGGTTTCTTCCAATCTGTTACCAATCACAAATGGGTGGCGGTAGGGGCCGC CCAATACCAGCCGAG ACGCGT ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA >VC102188 representing NP_740556 **Protein Sequence:** Red=Cloning sites Green=Tags MGISDDDNDSAVAEFFQSFPSGEPSNSKLSGFFQSVTNHKWVAVGAAVGILGVLVGGWFVYKHFSRKEEE PIPAE **TRTRRLEQKLISEEDLAANDILDYKDDDDKV Restriction Sites:** Sgfl-Mlul



1/2

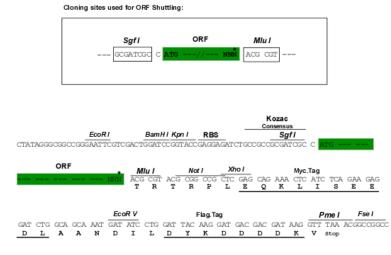
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Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: ORF Size: OTI Disclaimer:	NC_001489 225 bp 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:	 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.
RefSeq:	<u>NC 001489.1, NP 740556</u>
RefSeq ORF:	225 bp
MW:	8.1 kDa

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