

## Product datasheet for **VC102587**

### SARS-CoV-2 S Gene mutant (D614G) Tagged ORF Clone (Native Sequence)

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SARS-CoV-2 S Gene mutant (D614G) Tagged ORF Clone (Native Sequence)
Tag:	Myc-DDK
Symbol:	S Protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102587 represents NCBI reference of YP_009724390 Blue=ORF Red=Cloning site Green=Tag(s)

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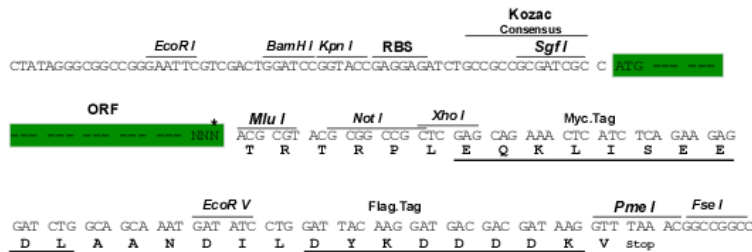
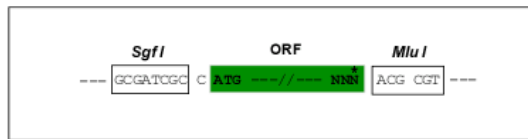
**Protein Sequence:** >VC102587 representing YP\_009724390  
 Blue=ORF Red=Cloning site Green=Tag(s)

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 TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NC\_045512

**ORF Size:** 3819 bp

**OTI Disclaimer:** The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NC_045512.2</a> , <a href="#">YP_009724390</a>
<b>RefSeq ORF:</b>	3819 bp
<b>Locus ID:</b>	43740568
<b>MW:</b>	141.2 kDa