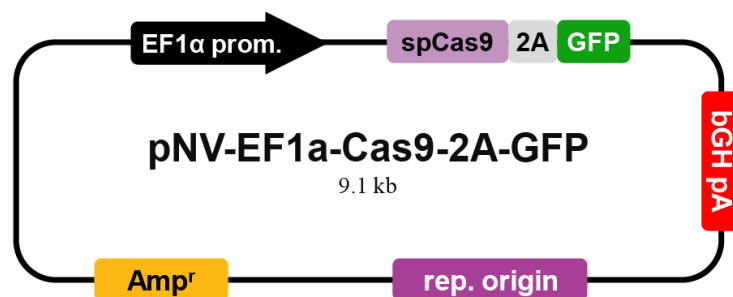


Cas9 Nuclease Non-Viral Vector (Plasmid)

Cat. No.	Quantity
TBSS6095	10 µg

Description	This Cas9 nuclease can be used with a target-specific sgRNA to bind DNA and create a double-stranded cut. It is provided in a non-viral vector (plasmid) for quick and easy transfection. Transfection will result in transient expression of Cas9, leading to reduced chances of off-target editing. The Cas9 provided in this non-viral vector is spCas9 from <i>Streptococcus pyogenes</i> .
SKU	TBS6095
System	Non-Viral Vector
Product Applications	<ul style="list-style-type: none"> • Direct non-viral plasmid transfection for immediate expression. • Transient sgRNA expression reduces the chance of off-target effects.
Vector Map	pNV-EF1a-Cas9-2A-GFP



Vector Map	
Unit quantity	10 µg
Promoter	EF1a
Cas Type	Nuclease
Cas Origin	spCas9
Cas9 Expression	Constitutive Cas9

Shipping Conditions Shipped at ambient temperature.

Bacterial Selection Ampicillin

Format Plasmid

Appearance Liquid

Quality Control Restriction Enzyme Digest and Sequencing

Shelf Life 1 year (when at -20°C or below in a non-frost free freezer)

Caution This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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