

Datasheet for ABIN4948179
pCMV6-AC Control Vector

Overview

Quantity:	10 µg
Insert:	Empty
Vector:	Mammalian Expression Vector
Application:	Negative Control (NC), Cloning (Clon)

Product Details

Purpose:	pCMV6-AC, mammalian vector with non-tagged expression
Vector Backbone:	pCMV6-AC
Promoter:	Enhanced CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Specificity:	<p>This vector is essentially the same as the pCMV6-Entry vector, except for the absence of the C-terminal Myc-DDK tag.</p> <p>ORF cloned into this vector at SgfI and RsrII sites will express the ORF-encoded protein plus two additional amino acids at the C-terminus, T and R.</p> <p>The vector itself does not contain additional tag. If the insert is shuttled from pCMV6-Entry via SgfI/AscI and RsrII/MluI, it will express non-tagged protein. If the insert is shuttled from the pCMV6-Entry vector using SgfI/AscI and Pme I, then it will express Myc-DDK tagged protein.</p>
Sequencing Primer:	<p>VP1.5 (forward) 5'GGACTTCCAAAATGTCC 3'</p> <p>XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'</p>

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution:

1. Briefly centrifuge for 30 seconds.
2. Carefully open the tube and add 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 to concentrate the liquid at the bottom.
5. Store the plasmid at -20 °C.

Storage: 4 °C/-20 °C

Storage Comment: The lyophilized plasmid can be stored at ambient temperature for three months.

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)