



Applied Biological Materials Inc.

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CMV-β-gal Adenovirus(E. coli)

Cat. No.	Quantity	Titer	Accession Number
000012A	1.0 ml***	>1x10 ⁶ pfu/mL	P00722

***Please note: In cases where production excess is available, the delivered product may exceed this volume.

Description	This adenovirus is part of abm's Adenoviral Expression System and can be used directly to transiently over-express your gene of interest in a wide range of host cells. This adenovirus can be used to amplify more adenovirus by transducing HEK293 cells. For enhanced transduction efficiency, the use of ViralPlus (G698) at 1:100 is recommended at the time of transduction.
Vector	pAdeno
Promoter	CMV
Insert	
Organism	E. coli
Accession #	P00722
Alias	lacZ
Protein Family	Belongs to the glycosyl hydrolase 2 family.
Functions	Reporter Protein, hydrolysis of terminal non-reducing beta-D-galactose residues in beta-D-galactosides.
Gene Type	Wild Type. Mutants can be constructed via custom services. Please refer to our custom service page or contact our technical support for more info.
Titer	>1x10 ⁶ pfu/mL
Storage Buffer	DMEM with 2.5% glycerol
Shipping & Storage	High titer adenoviruses are shipped with dry ice and low titer adenoviruses are shipped with ice packs. For long term storage, it is recommended to store the viruses at -80°C in small aliquots to avoid repeated freeze-thaw cycles.
Disclaimer	<p>1. Disclaimer for transcript variants: The provided accession number refers to the transcript (mRNA) sequence for this product. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. All sales are final.</p> <p>2. The provided accession number refers to the transcript (mRNA) sequence for this product. Please verify that this is the desired transcript sequence by cross-referencing. This is important because a single gene can have multiple different transcripts owing to naturally occurring variations. All sales are final.</p> <p>3. Disclaimer for intended use: All of abm's vectors and viral particles are for research use ONLY and NOT for therapeutic/diagnostic applications. abm is not liable for any repercussions arising from the use of its vector(s) in therapeutic/diagnostic application(s).</p> <p>4. Disclaimer for extra nucleotides: Cloning may lead to the insertion of extra nucleotides at the 5' or 3' end of the gene of interest which, in most cases, is innocuous to the stability/functionality and the expression of that gene.</p>

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 (1-866-757-2414).