

### cAMP-dependent Protein Kinase (bovine heart) (catalytic subunit)

[Protein Kinase A (bovine heart) (catalytic subunit);  
PKA (bovine heart) (catalytic subunit)]

ALX-202-027

#### Product Specifications:

<b>MW:</b>	~40kDa.
<b>Source/Host:</b>	cAMP-dependent protein kinase isolated from bovine heart.
<b>Quantity:</b>	500units/25 $\mu$ l.
<b>Purity:</b>	$\geq$ 95% (SDS-PAGE).
<b>Formulation:</b>	Liquid. 20 $\mu$ g/ml solution in 25mM MES, pH 6.5, 0.1mM EDTA, 30mM $\beta$ -mercaptoethanol, 50% ethylene glycol and 100mM sodium chloride.
<b>Specific Activity:</b>	~1.2 $\mu$ mole/min/mg using histone as the substrate. One unit is defined as the amount of enzyme that will transfer 1.0 $\mu$ mole of phosphate to histone per minute at 30°C.
<b>Application:</b>	For studying PKA phosphorylation in vitro.
<b>Shipping:</b>	SHIPPED ON DRY ICE
<b>Long Term Storage:</b>	-80°C

#### General Information:

##### Main Category:

cAMP-dependent Protein Kinase [PKA]/Related Products

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**

##### MATERIAL SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Material Safety Data Sheet.

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