

## CAMKV Protein, Human (sf9, His-GST)

Cat. No.:	HY-P76763
Synonyms:	CaM kinase-like vesicle-associated protein; CAMKV
Species:	Human
Source:	Sf9 insect cells
Accession:	Q8NCB2 (M1-S501)
Gene ID:	79012
Molecular Weight:	Approximately 80 kDa

### PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4, 10% Glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	CAMKV protein, based on available information, is characterized by its lack of detectable kinase activity. While specific details about its function may be limited, the absence of discernible kinase activity suggests that CAMKV may not operate as a phosphorylating enzyme. Understanding the functional implications of a kinase-inactive CAMKV is essential for unraveling its role within cellular processes. Further research is warranted to elucidate the precise molecular mechanisms and physiological significance associated with CAMKV, as its distinct characteristics may contribute to its involvement in cellular signaling pathways or other biological functions. (
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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