

## CAMKIV/CAMK4 Protein, Rat (His)

<b>Cat. No.:</b>	HY-P700579
<b>Synonyms:</b>	CaM kinase-GR; Calspermin
<b>Species:</b>	Rat
<b>Source:</b>	E. coli
<b>Accession:</b>	P13234 (M1-Y474)
<b>Gene ID:</b>	25050
<b>Molecular Weight:</b>	57.2 kDa

### PROPERTIES

#### AA Sequence

MLKVTVPSCP	SSPCSSVTSS	TENLVDPYWI	DGSKRDPLSD
FFEVESELGR	GATSIVYRCK	QKGTQKPYAL	KVLKKTVDKK
IVRTEIGVLL	RLSHPNIIKL	KEIFETPTEI	SLVLELVTTGG
ELFDRIVEKG	YYSERDAADA	VKQILEAVAY	LHENGIVHRD
LKPENLLYAT	PAPDAPLKIA	DFGLSKIVEH	QVLMKTVCGT
PGYCAPEILR	GCAYGPEVDM	WSVGIITYIL	LCGFEPFYDE
RGDQFMFRI	LNCEYYFISP	WWDEVSLNAK	DLVKKLIVLD
PKKRLTTFQA	LQHPWVTGKA	ANFVHMDTAQ	KKLQEFNARR
KLKAAVKAVV	ASSRLGSASS	SHTNIQESNK	ASSEAQPAQD
GKDKTDPLEN	KMQAGDHEAA	KAAADETMKL	QSEEEVEEEEG
VKEEEEEEEE	EEETSRMVPQ	EPEDRLETDD	QEMKRNSEET
LKSVEEEMDP	KAE EEA AVG	LGVPPQQDAI	LPEY

<b>Biological Activity</b>	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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