

Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a) Recombinant Protein | CAMK2a recombinant protein

Recombinant Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a)

CATALOG # AAA162000	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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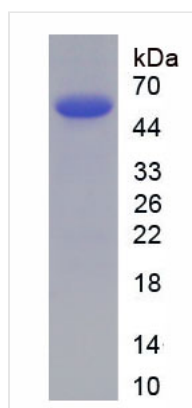
PRODUCT SYNONYMS

Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a); Recombinant Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a); Calcium/Calmodulin Dependent Protein Kinase II Alpha; CAMK2a recombinant protein (prokaryotic); Mouse; CAMKA4; CAMK2a recombinant protein

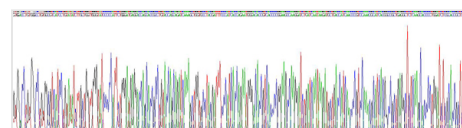
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Met1~Pro47 7
Applicable Applications for CAMK2a recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Species	Mouse
Expression System	Prokaryotic expression
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.1
Subcellular Location	Cytoplasm
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months

IMAGES



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure. Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for CAMK2a recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124056467
NCBI GeneID	815
UniProt Accession #	P11798; Q61284; Q6ZWN4
Molecular Weight	478
NCBI Official Full Name	Calcium/calmodulin-dependent protein kinase type II subunit alpha
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase II alpha
NCBI Official Symbol	Camk2a
NCBI Official Synonym Symbols	CaMKII; R74975; mKIAA0968
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type II subunit alpha; CaMK II; alpha-CaMKII; caMK-II subunit alpha; caM kinase II subunit alpha
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type II subunit alpha
UniProt Gene Name	Camk2a
UniProt Synonym Gene Names	CaM kinase II subunit alpha; CaMK-II subunit alpha
UniProt Entry Name	KCC2A_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/camk2a-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/162000>