

Calmodulin (Calm1) Recombinant Protein | Calm1 recombinant protein

Recombinant Rat Calmodulin (Calm1)

CATALOG # AAA113526	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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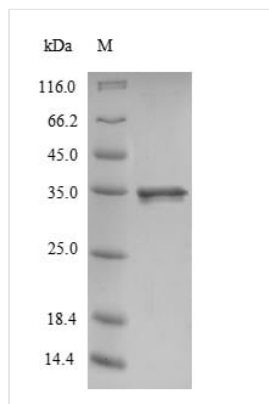
PRODUCT SYNONYMS

Calmodulin (Calm1); Recombinant Rat Calmodulin (Calm1); Calmodulin; CaM; Calm1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-149aa; Full Length of Mature Protein
Sequence	ADQLTEEQIA EFKEAFSLFD KDGDGTITTK ELGTVMRS LG QNPTEAELQD MINEVDADGN GTIDFPEFLT MMARKMKD TD SEEEIREAFR VFDKDGNGYI SAAELRHVMT NLGEKLTDEE VDEMIREADI DGDGQVNYEE FVQMMTAK
Sequence Length	149
Species	Rattus norvegicus (Rat)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Calm1 recombinant protein	Calmodulin mediates the control of a large number of enzymes, ion channels, aquaporins and other proteins through calcium-binding. Among the enzymes to be stimulated by the calmodulin-calcium complex are a number of protein kinases and phosphatases. Together with CCP110 and centrin, is involved in a genetic pathway that regulates the centrosome cycle and progression through cytokinesis. Mediates calcium-dependent inactivation of CACNA1C. Positively regulates calcium-activated potassium channel activity of KCNN2.
Product Categories/Family for Calm1 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978591
NCBI GeneID	24244
NCBI Accession #	NP_036650.1
NCBI GenBank Nucleotide #	NM_012518.3
UniProt Accession #	P62161; P02593; P70667; P99014; Q61379; Q61380
Molecular Weight	34.2 kDa
NCBI Official Full Name	calmodulin
NCBI Official Synonym Full Names	calmodulin 3
NCBI Official Symbol	Calm3
NCBI Official Synonym Symbols	RNCAMIII
NCBI Protein Information	calmodulin; caM; Calmodulin III
UniProt Protein Name	Calmodulin
UniProt Gene Name	Calm1
UniProt Synonym Gene Names	Calm; Cam; Cam1; CaM
UniProt Entry Name	CALM_RAT

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://www.aaabiotech.com/calm1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113526>