

Calmodulin Recombinant Protein | CALM recombinant protein

Recombinant Homo sapiens Calmodulin

CATALOG # AAA309773	HOST Yeast	REACTIVITY Human
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PRODUCT SYNONYMS

Calmodulin; Recombinant Homo sapiens Calmodulin; CALM recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Reactivity	Human
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer 50% glycerol
Sequence Positions	Full Length, 2-149aa
Sequence	ADQLTEEQIA EFKEAFSLFD KGDGTITTK ELGTVMRS LG QNPTEAELQD MINEVDADGN GTIDFPEFLT MMARKMKDTD SEEEIREAFR VFDKDGNGYI SAAELRHVMT NLGEKLTDEE VDEMIREADI DGDGQVNYEE FVQMMTAK
Tag Info	N-terminal 6xHis-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C. Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for CALM recombinant protein	Calmodulin mediates the control of a large number of enzymes, ion channels, aquaporins and other proteins by Ca ²⁺ . Among the enzymes to be stimulated by the calmodulin-Ca ²⁺ 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
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49037474
NCBI GeneID	801
UniProt Accession #	P62158 ; P0DP23
Molecular Weight	18.7 kDa
NCBI Official Synonym Full Names	calmodulin 1
NCBI Official Symbol	CALM1
NCBI Official Synonym Symbols	caM; CAMI; PHKD; CPVT4; DD132; LQT14; CALML2
NCBI Protein Information	calmodulin-1; calmodulin

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/calmodulin-recombinant-protein-yeast/309773>