

Calmodulin 2 Recombinant Protein | CALM2 recombinant protein

Calmodulin 2, 1-149aa, Human, E Coli

CATALOG # AAA48484	HOST E Coli	APPLICATIONS SDS-Page
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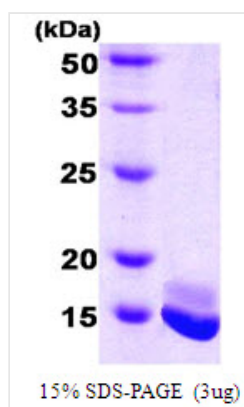
PRODUCT SYNONYMS

Calmodulin 2; 1-149aa; Human; E Coli; PHKD; CAMII; PHKD2; CALM 2; Calmodulin2; CAM II; LP7057 protein; PHKD 2; Phosphorylase kinase delta; Calmodulin-2; CALM2; CALM2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid in 20mM Tris pH 7.5
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTEAELQ DMINEVDADG NGTIDFPEFL TMMARKMKDT DSEEEIREAF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQVNYE EFVQMMTAK
Sequence Length	149
Applicable Applications for CALM2 recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CALM2 recombinant protein	Calmodulin has been known to act as an intracellular calcium sensor protein. When the intracellular Ca2+ concentration increases, calmodulin can bind up to four Ca2+, changing its conformation and regulating cellular functions such as activation or inhibition of a large number of enzymes, ion channels, and receptors. Recombinant human Calmodulin was expressed in E Coli and purified by conventional chromatography techniques.
Product Categories/Family for CALM2 recombinant protein	Signal Transduction
References	Zhang M., et al. (1998). Biochem Cell Biol. 76 (2-3):313-23 ; James.P., et al. (1995). Trend Biochem. Sci. 20: 38-42;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502549
NCBI GeneID	805
NCBI Accession #	NP_001734
NCBI GenBank Nucleotide #	NM_001743.5
UniProt Accession #	P0DP24; P02593; P62158; P70667; P99014; Q13942; Q53S29; Q61379; Q61380; Q96HK3
Molecular Weight	16kDa (149aa), confirmed by MALDI-TOF.
NCBI Official Full Name	calmodulin-2 isoform 2
NCBI Official Synonym Full Names	calmodulin 2
NCBI Official Symbol	CALM2
NCBI Official Synonym Symbols	caM; PHKD; CAMII; LQT15; PHKD2
NCBI Protein Information	calmodulin-2
UniProt Protein Name	Calmodulin-2
UniProt Gene Name	CALM2

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/calm2-recombinant-protein-e-coli-sds-page/48484>