

CALML3 recombinant protein

CALML3, 1-149aa, Human, His tag, E Coli

CATALOG # AAA48794	HOST E Coli	APPLICATIONS SDS-Page
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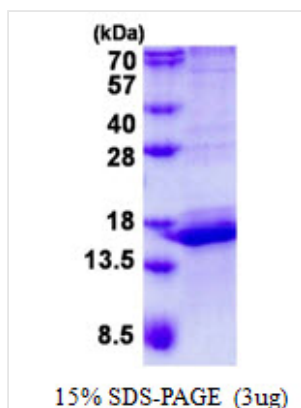
PRODUCT SYNONYMS

CALML3; 1-149aa; Human; His tag; E Coli; Calmodulin-like protein 3; CLP; CALML3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSHMADQLT EEQVTEFKEA FSLFDKDG DG CITTRELGTV MRS LGQN PTE AELRDM MSEI DRDGNGTVDF PEFLGMMARK MKD TDN EEEI REAFRVFDKD GNGFVSAAEL RHVMTRLGEK LSDEEVDEMI RAADTDGDGQ VNYEEFVRVL VSK
Sequence Length	149
Applicable Applications for CALML3 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
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 CALML3 recombinant protein	CALML3 belongs to the calmodulin family and contains 4 EF-hand domains. This protein may be similar to that of authentic calmodulin and may actually compete with calmodulin by binding, with different affinities, to cellular substrates. CALML3 is expressed in normal mammary, prostate, cervical, and epidermal tissues. Recombinant human CALML3 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for CALML3 recombinant protein	Signal Transduction
References	Rual JF, Venkatesan K, et al. (2005). Nature. 437 (7062):1173-8.; Bennett RD, Mauer AS, et al. (2007). J Biol Chem. 282 (5):3205-12.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885111
NCBI GeneID	810
NCBI Accession #	NP_005176
NCBI GenBank Nucleotide #	NM_005185.3
UniProt Accession #	P27482 ; Q5SQI4 ; B2R9V6
Molecular Weight	19 kDa (173aa), confirmed by MALDI-TOF
NCBI Official Full Name	calmodulin-like protein 3
NCBI Official Synonym Full Names	calmodulin like 3
NCBI Official Symbol	CALML3
NCBI Official Synonym Symbols	CLP
NCBI Protein Information	calmodulin-like protein 3
UniProt Protein Name	Calmodulin-like protein 3
UniProt Gene Name	CALML3
UniProt Synonym Gene Names	CLP

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.