Calmodulin Like Protein 5 Recombinant Protein | CALML5 recombinant protein

Recombinant Calmodulin Like Protein 5 (CALML5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145464	**E. coli**	**Human**	**Western Blot, SDS-Page**

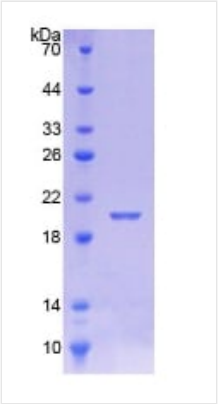
PRODUCT SYNONYMS

Calmodulin Like Protein 5; Recombinant Calmodulin Like Protein 5 (CALML5); CLSP; Calmodulin-like skin protein; CALML5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	>95%
Form/Format	100mM $NaHCO_3$, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for CALML5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Glu146
Tags	N-terminal His-Tag
Tissue Specificity	Skin, Hepatoma
Subcellular Location	Extracellular vesicular exosome
Traits	Freeze-dried powder
Predicted isoelectric point	4.3
Predicted Molecular Mass	19.6kDa
Accurate Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 100mM $NaHCO_3$, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

Sequence

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MAGELTPEEE AQYKKAFSAV DTDGNGTINA QELGAALKAT GKNLSEAQLR
KLISEVDSDG DGEISFQEFL TAAKKARAGL EDLQVAFRAF DQDGDGHITV
DELRRAMAGL GQPLPQEELD AMIREADVDQ DGRVNYEEFA RMLAQE
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223278387
NCBI GeneID	51806
NCBI Accession #	NP_059118.2
NCBI GenBank Nucleotide #	NM_017422.4
NCBI Official Full Name	calmodulin-like protein 5
NCBI Official Synonym Full Names	calmodulin like 5
NCBI Official Symbol	CALML5
NCBI Official Synonym Symbols	CLSP
NCBI Protein Information	calmodulin-like protein 5
UniProt Protein Name	Calmodulin-like protein 5
UniProt Gene Name	**CALML5**
UniProt Synonym Gene Names	CLSP
UniProt Entry Name	CALL5_HUMAN

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/calml5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145464