

Human CALML5 Recombinant Protein



RPPB5867

Product Information Protein Information

Product SKU:

RPPB5867

Accession:

Q9NZT1

Host:

Escherichia Coli.

Protein description:

CALML5 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 2-146) containing 155 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 17.0kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CLSP, Calmodulin-like skin protein, CALML5, Calmodulin-like protein 5.

Formulation:

CALML5 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20 mM Tris buffer, 50 mM NaCl and 5% w/v trehalosa, pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. CALML5 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS AGELTPEEEA QYKKAFAVD TDGNGTINAQ ELGAALKATG KNLSEAQLRK LISEVSDGD
GEISFQEFLT AAKKARAGLE DLQVAFRAFD QDGDGHITVD ELRRAMAGLG QPLPQEELDA MIREADVDDQD
GRVNYEEFAR MLAQE.