9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13066: CALML5 Human

Alternative Name : CLSP, Calmodulin-like skin protein, CALML5, Calmodulin-like protein 5.Â

Description

Source: Escherichia Coli.
Filtered White lyophilized (freeze-dried) powder.
Calmodulin Like 5, also known as CALML5 is a part of the calmodulin family of calcium binding proteins. CALML5 undergoes a conformational change as a result of binding calcium. CALML5 is taking part in terminal differentiation of keratinocytes and encodes a calcium binding protein expressed in the epidermis.
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).Â

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	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. It is recommended to add 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.
Storage condition :	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 :	MKHHHHHHAS AGELTPEEEA QYKKAFSAVD TDGNGTINAQ ELGAALKATG KNLSEAQLRK LISEVDSDGD GEISFQEFLT AAKKARAGLE DLQVAFRAFD QDGDGHITVD ELRRAMAGLG QPLPQEELDA MIREADVDQD GRVNYEEFAR MLAQE.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.