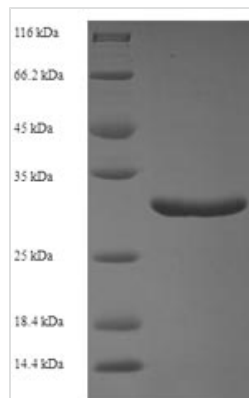




Recombinant Human Calmodulin-like protein 5 (CALML5)

Product Code	CSB-EP973713HU
Relevance	Binds calcium. May be involved in terminal differentiation of keratinocytes.
Abbreviation	Recombinant Human CALML5 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NZT1
Alias	Calmodulin-like skin protein
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AGELTPEEEAQQYKKAFAVDGNGTINAQELGAALKATGKNLSEAQLRKLISE VDSGDGGEISFQEFLLTAACKARAGLEDLQVAFRAFDQDGDGHITVDELRRAMA GLGQPLPQEELDAMIREADVDDQDGRVNYEEFARMLAQE
Research Area	Cell Biology
Source	E.coli
Target Names	CALML5
Expression Region	2-146aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	31.8kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.