

Datasheet for ABIN7552995

## CALML4 Protein (AA 1-196) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	CALML4
Protein Characteristics:	AA 1-196
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CALML4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat CALML4 Protein expressed in mammalian cells.
Sequence:	<p>MAAEHLLPGP PPSLADFRLE AGGKGTERGS GSSKPTGSSR GPRMAKFLSQ DQINEYKECF          SLYDKQQRGK IKATDLMVAM RCLGASPTPG EVQRHLQTHG IDNGELDFS TFLTIMHMQI          KQEDPKKEIL LAMLMVDKEK KGYVMASDLR SKLTSLGKEL THKEVDDLFR EADIEPNGKV          KYDEFIHKIT LPGRDY <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li> </ul>

## Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

## Target Details

Target: CALML4

Alternative Name: CALML4 ([CALML4 Products](#))

Background: Calmodulin-like protein 4 (Serologically defined breast cancer antigen NY-BR-20),FUNCTION: As part of the intermicrovillar adhesion complex/IMAC plays a role in epithelial brush border differentiation, controlling microvilli organization and length. Acts as a light chain for MYO7B and is required for efficient targeting of the IMAC to the tips of border brush microvilli. {ECO:0000269|PubMed:32209652}.

Molecular Weight: 21.9 kDa

UniProt: [Q96GE6](#)

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

Format: Liquid

## Handling

---

Buffer:	The buffer composition is at the discretion of the manufacturer.
---------	--

Handling Advice:	Avoid repeated freeze-thaw cycles.
------------------	------------------------------------

Storage:	-80 °C
----------	--------

Storage Comment:	Store at -80°C.
------------------	-----------------

Expiry Date:	12 months
--------------	-----------