

Product datasheet

Recombinant Human CALML3 protein ab139257

1 Image

Overview

Product name	Recombinant Human CALML3 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	P27482
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMADQLTEEQVT EFKEAFSLFDKDG DG CITRELGTVMRSLGQNPTEAELRDMMS EIDRDGNGT VDFPEFLGMMARK MKD TDN EEEI REAFRVFDKDGNGFV SAAELRHVMTRL GEKLSDEEVDEMI RAADTDGDGQVNYEEFVRVLVSK
Molecular weight	19 kDa including tags
Amino acids	1 to 149
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab139257** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Purity	> 90 % SDS-PAGE. ab139257 is purified using conventional chromatography techniques.
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol, 0.88% Sodium chloride

General Info

Function

May be similar to that of authentic calmodulin and may actually compete with calmodulin by binding, with different affinities, to cellular substrates.

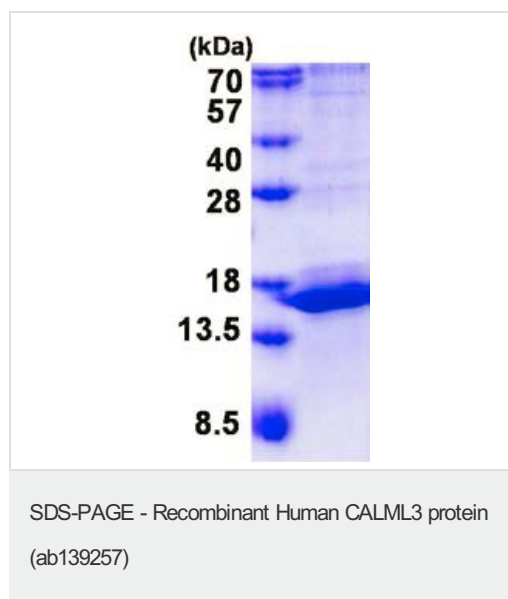
Tissue specificity

Expressed in normal mammary, prostate, cervical, and epidermal tissues. It is greatly reduced or undetectable in transformed cells.

Sequence similarities

Belongs to the calmodulin family.
Contains 4 EF-hand domains.

Images



15% SDS-PAGE analysis of 3 µg ab139257.

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