

Datasheet for ABIN7585533  
**PICALM Protein (AA 2-640) (His tag)**



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## Overview

Quantity:	100 µg
Target:	PICALM
Protein Characteristics:	AA 2-640
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PICALM protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	SGQSLTDRI TAAQHSVTGS AVSKTVCKAT THEIMGPKKK HLDYLIQCTN EMNVNIPQLA DSL FERTTNS SWVWFKSLI TTHHLMVYGN ERFIQYLASR NTLFNLSNFL DKSGLQGYDM STFIRRYSTRY LNEKAVSYRQ VAFDFTKVKR GADGVMRTMN TEKLLKTVPI IQNQMDALLD FNVNSNELTN GVINAAFMLL FKDAIRLFAA YNEGIINLLE KYFDMKKNQC KEGLDIYKFF LTRMTRISEF LKVAEQVGID RGDIPDLSQA PSSLLDALEQ HLASLEGKKI KDSTAASRAT TLSNAVSSLA STGLSLTKVD EREKQAALEE EQARLKALKE QRLKELAKKP HTSLTTAASP VSTSAGGIMT APAIDIFSTP SSSNSTSKLP NDLLDLQOPT FHPSVHAMSA APQVASTWGD AVDDAIPSLN PFLTKSSGDV HLPISSDVST FTTRTPTHEM FVGFSPSPVT QPHPSAGLNV DFESVFGNKS TNVAVDSSGGG LLKPTVASQN QSLPVAKLPP NKLVSDDLDS SLANLVGNLG IGNGTTKNDV SCSQPGEKKL TGGSNWQPKV APTTAWSAAT MAPPVMAYPA TTPTGMIGYG IPPQMGSVPV MTQPTLIYSQ PVMRPPNPFQ PVPGAQIQFM
Specificity:	Rattus norvegicus (Rat)

## Product Details

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Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

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Target: PICALM

Alternative Name: Phosphatidylinositol-binding clathrin assembly protein (Picalm) ([PICALM Products](#))

Background: Recommended name: Phosphatidylinositol-binding clathrin assembly protein.  
Alternative name(s): Clathrin assembly lymphoid myeloid leukemia protein.  
Short name= rCALM

UniProt: [O55012](#)

Pathways: [Synaptic Membrane](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.