

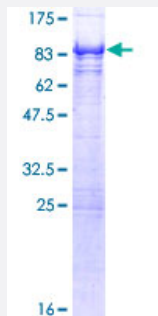
Full-Length

PICALM (Human) Recombinant Protein (P01)

Catalog # H00008301-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PICALM full-length ORF (NP_001008660.1, 1 a.a. - 610 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSGQSLTDRITAAQHSVTGSAVSKTVCKATTHEIMGPKKKHLDYLIQCTNEMNVNIPQLADSLFER
TTNSSWVVVFKSLITTHLMVYGNERFIQYLASRNTLFNLSNFLDKSGLQGYDMSTFIRRYRYLNE
KAVSYRQVAFDFTKVKGADGVMRTMNTKLLKTVPIQNQMDALLDFNVNSNELTNGVINAAFML
LFKDAIRLFAAYNEGIINLLEKYFDMKKNQCKEGLDIYKKFLTRMTRISEFLKVAEQVGIDRGDIPDLS
QAPSSLLDALEQHLASLEGKKIKDSTAASRATTLNAVSSLASTGLSLTKVDEREKQAALEEEQA
RLKALKEQRLKELAKKPHTSLTTAASPVSTSAGGIMTAPAIIDFSTPSSSNSTSKLPNDLLDLQQPT
FHPSVHPMSTASQVASTWGGFTPSPVAQPHPSAGLNVDVESVFGNKSTNVMDSGGFDELGGL
LKPTVASQNNLPVAKLPPSKLVSDDLSSANLVGNLGIGNGTTKNDVNWSQPGEKKLTGGSN
WQPKVAPTTAWNAATMNGMHFPQYAPPVMAYPATPTGMIGYGIPPQMGSVPVMTQPTLIYSQP
VMRPPNPFPGPVSGAQIQFM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

92.8

Interspecies Antigen Sequence

Mouse (91); Rat (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PICALM

Entrez GeneID	8301
GeneBank Accession#	NM_001008660.1
Protein Accession#	NP_001008660.1
Gene Name	PICALM
Gene Alias	CALM, CLTH, LAP
Gene Description	phosphatidylinositol binding clathrin assembly protein
Omim ID	601626 603025
Gene Ontology	Hyperlink
Other Designations	clathrin assembly lymphoid-myeloid leukemia phosphatidylinositol-binding clathrin assembly protein

Publication Reference

- [Distribution and Expression of Picalm in Alzheimer Disease.](#)

Baig S, Joseph SA, Tayler H, Abraham R, Owen MJ, Williams J, Kehoe PG, Love S.

Journal of Neuropathology and Experimental Neurology 2010 Oct; 69(10):1071.

Application: WB-Ti, Human, Brain

Disease

- [Alzheimer Disease](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Neuropsychological Tests](#)