Recombinant human PDLIM1 protein

Catalog Number: ATGP2527

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-329aa

UniProt No.
O00151

NCBI Accession No.
NP_066272

Alternative Names
PDZ and LIM domain protein 1, CLIM1, CLP-36, CLP36, Hclim1

PRODUCT SPECIFICATION

Molecular Weight
38.7 kDa (354aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl, 10% glycerol, 1mM DTT, 2mM EDTA

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
PDLIM1 is a member of the enigma protein family. The protein contains two protein interacting domains, a PDZ domain at the amino terminal end and one to three LIM domains at the carboxyl terminal. It is a cytoplasmic protein associated with the cytoskeleton. The protein may function as an adapter to bring other LIM-interacting proteins to the cytoskeleton. Pseudogenes associated with this gene are located on chromosomes 3, 14 and 17. Recombinant human PDLIM1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

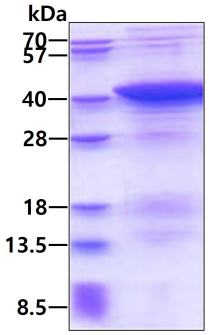
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General References

Bauer K., et al. (2000) Blood. 96: 4236-4245.
Vallenius T., et al. (2002) J Cell Sci. 115: 2067-2073.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.