

Recombinant Homo sapiens Plastin-2

Catalog No: #AP72645

Package Size: #AP72645-1 20ug #AP72645-2 100ug #AP72645-3 1mg

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Description

Product Name	Recombinant Homo sapiens Plastin-2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-627aaSequence Info:Full Length
Other Names	L-plastin;LC64PLymphocyte cytosolic protein 1 ;LCP-1
Accession No.	P13796
Uniprot	P13796
GeneID	3936;
Calculated MW	72.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	<p>ARGSVSDEEMMELREAFKVDTDGNGYISFNELNDLFKAAACPLPGYRVREITENLMATGDLDDQDGRISFDEFI KIFHGLKSTDVAKTFRKAINKKEGICAIGGTSEQSSVGTQHSYSEEEKYAFVNWINKALENDPDCRHVIPMNP TNDLFNAVGDGIVLCKMINLSVPDTIDERTINKKLTPTFTIQENLNLALNSASAIGCHVVNIGAEDLKEGKPYLVL GLLWQVIKIGLFIADIELSRNEALIALLRREGESLEDLMKLSPEELLRWANYHLENAGCNKIGNFSTDIKDSKAYYH LLEQVAPKGDDEEGVPAVVIDMSGLREKDDIQRAECMLQQAERLGCRCQFVTATDVVRGNPKLNLAFIANLFNRY PALHKPENQDIDWGALEGETREERTFRNWMSLGVNPRVNHLYSDALVIFQLYEKIKVPVDWNRVKNPP YPKLGGMKLENCNYAVELGKNQAKFSLVGGGQDLNEGNRTLTLALIWQLMRRYTLNILEEIGGGQKVND IIVNWNETLREAKKSSSISFKDPKISTSLPVLIDLIAIQPGSINYDLLKTENLNDEKLNNAKYAISMARIGAR VYALPEDLVEVNPKMVMTVFACLMGKGMKRV</p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p>

Background

Actin-binding protein. Plays a role in the activation of T-cells in response to costimulation through TCR,CD3 and CD2 or CD28. Modulates the cell surface expression of IL2RA,CD25 and CD69.

References

65-kilodalton protein phosphorylated by interleukin 2 stimulation bears two putative actin-binding sites and two calcium-binding sites.Zu Y., Shigesada K., Nishida E., Kubota I., Kohno M., Hanaoka M., Namba Y.Biochemistry 29:8319-8324(1990)Research Topic:Cancer

Note: This product is for in vitro research use only