

Recombinant Human Plastin-2(LCP1)

Catalog No: #AP70492

Package Size: #AP70492-1 20ug #AP70492-2 100ug #AP70492-3 1mg

Description

Product Name	Recombinant Human Plastin-2(LCP1)
Host Species	E.coli
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
Calculated MW	86.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	ARGSVSDEEMMELREAFKVDTDGNGYISFNEINLDFKAACLPLPGYRVREITENLMATGDLDDQDGRISFDEFI KIFHGLKSTDVAKTFRKAINKKEGICAIAGGTSEQSSVGTQHSYSEEEKYAFVNWINKALENDPDCRHVPMNP TNDFNAVGDGIVLCKMINLSVPDTIDERTINKKLTPTTIQENLNALNSASAIGCHVNVNIGAEDLKEGKPYLV GLLWQVIKIGLFADIELSRNEALIALREGESLEDLMKLSPEELLRWANYHLENAGCNKIGNFSTDIKDSKAYYH LLEQVAPKGDEEGVPAVVIDMSGLREKDDIQRAECMLQQAERLGCRQFVTATDVVRGNPKLNLAFLANLFNRY PALHKPENQDIDWGALEGETREERTFRNWMNSLGVNPRVNHLYSDLSALVIFQLYEKIKVPVDWNRVKNPP YPKLGGMKKLENCNYAVELGKNQAKFSLVGIGGQDLNEGNRTLTLALIWQLMRRYTLNILEEIGGGQKVND IIVNWVNETLREAKKSSSISFKDPKISTSLPVLDLDAIQPGSINYDLLKTENLNDDKLNNAKYAISMARIGAR VYALPEDLVEVNPKMVMTVFACLMGKGMKRV
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.

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

The DNA sequence and analysis of human chromosome 13.Dunham A., Matthews L.H., Burton J., Ashurst J.L., Howe K.L., Ashcroft K.J., Beare D.M., Burford D.C., Hunt S.E., Griffiths-Jones S., Jones M.C., Keenan S.J., Oliver K., Scott C.E., Ainscough R., Almeida J.P., Ambrose K.D., Andrews D.T. , Ashwell R.I.S., Babbage A.K., Bagguley C.L., Bailey J., Bannerjee R., Barlow K.F., Bates K., Beasley H., Bird C.P., Bray-Allen S., Brown A.J., Brown J.Y., Burrill W., Carder C., Carter N.P., Chapman J.C., Clamp M.E., Clark S.Y., Clarke G., Clee C.M., Clegg S.C., Cobley V., Collins J.E., Corby N., Coville G.J., Deloukas P., Dhimi P., Dunham I., Dunn M., Earthrowl M.E., Ellington A.G., Faulkner L., Frankish A.G., Frankland J., French L., Garner P., Garnett J., Gilbert J.G.R., Gilson C.J., Ghori J., Grafham D.V., Gribble S.M., Griffiths C., Hall R.E., Hammond S., Harley J.L., Hart E.A., Heath P.D., Howden P.J., Huckle E.J., Hunt P.J., Hunt A.R., Johnson C., Johnson D., Kay M., Kimberley A.M., King A., Laird G.K., Langford C.J., Lawlor S., Leongamornlert D.A., Lloyd D.M., Lloyd C., Loveland J.E., Lovell J., Martin S., Mashreghi-Mohammadi M., McLaren S.J., McMurray A., Milne S.,

Moore M.J.F., Nickerson T., Palmer S.A., Pearce A.V., Peck A.I., Pelan S., Phillimore B., Porter K.M., Rice C.M., Searle S., Sehra H.K., Shownkeen R., Skuce C.D., Smith M., Steward C.A., Sycamore N., Tester J., Thomas D.W., Tracey A., Tromans A., Tubby B., Wall M., Wallis J.M., West A.P., Whitehead S.L., Willey D.L., Wilming L., Wray P.W., Wright M.W., Young L., Coulson A., Durbin R.M., Hubbard T., Sulston J.E., Beck S., Bentley D.R., Rogers J., Ross M.T. Nature 428:522-528(2004) Research Topic: Cancer

Note: This product is for in vitro research use only and is not intended for use in humans or animals.