

Recombinant Human LCP1 protein, GST-tagged

Cat. No. LCP1-35H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCP1 fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Description	Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). However, L-plastin has been found in many types of malignant human cells of non-hemopoietic origin suggesting that its expression is induced accompanying tumorigenesis in solid tissues.

GENE INFORMATION

Gene Name	LCP1 lymphocyte cytosolic protein 1 (L-plastin) [Homo sapiens]
Official Symbol	LCP1
Synonyms	LCP1; lymphocyte cytosolic protein 1 (L-plastin); plastin-2; CP64; L PLASTIN; LC64P;

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plastin 2; PLS2; LCP-1; Lymphocyte cytosolic protein-1 (plasmin); bA139H14.1 (lymphocyte cytosolic protein 1 (L-plastin)); L-plastin (Lymphocyte cytosolic protein 1) (LCP-1) (LC64P); LPL; L-PLASTIN; FLJ25423; FLJ26114; FLJ39956; DKFZp781A23186;

Gene ID	3936
mRNA Refseq	NM_002298
Protein Refseq	NP_002289
MIM	153430
UniProt ID	P13796
Chromosome Location	13q14.3
Function	actin binding; actin filament binding; calcium ion binding; calcium ion binding; identical protein binding;