

Recombinant Human PLS3 Protein, MYC/DDK-tagged

Cat. No. PLS3-2156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PLS3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
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.). The C-terminal 570 amino acids of the T-plastin and L-plastin proteins are 83% identical. It contains a potential calcium-binding site near the N terminus. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	68 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PLS3 plastin 3 [Homo sapiens]

Official Symbol PLS3

Synonyms BMND18; T-plastin

Gene ID 5358

mRNA Refseq NM_001136025

Protein Refseq NP_001129497

MIM 300131

UniProt ID P13797

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