

Recombinant Human PLEK

Cat. No. PLEK-28515TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Pleckstrin with N terminal proprietary tag. Predicted MW 37.73 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Description	Pleckstrin is a protein found in platelets. The name derives from platelet and leukocyte C kinase substrate and the KSTR string of amino acids.
Molecular Weight	37.730kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	PETIDLGALYLSMKDTEKGIKELNLEKDKKIFNHCFTGNC VIDWLVSNQSVRNRQEG LMIASSLLNEGYLQPAGDMSKSA VDGTAENPFLDNPDAFYFFPDSGFFCEENS

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Sequence Similarities Contains 1 DEP domain.Contains 2 PH domains.

GENE INFORMATION

Gene Name PLEK pleckstrin [Homo sapiens]

Official Symbol PLEK

Synonyms PLEK; pleckstrin; P47;

Gene ID 5341

mRNA Refseq NM_002664

Protein Refseq NP_002655

MIM 173570

Uniprot ID P08567

Chromosome Location 2p13.3

Pathway Hemostasis, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Response to elevated platelet cytosolic Ca²⁺, organism-specific biosystem;

Function phosphatidylinositol-3,4-bisphosphate binding; protein binding; protein homodimerization activity; protein kinase C binding;

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