

Recombinant Human PLEK

Cat. No. PLEK-30882TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Pleckstrin (amino acids 1-350) with a N terminal proprietary tag: predicted MW 67.10 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	350 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	67.100kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 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	MEPKRIREGYLVKKGSVFNTWKPMWVLLLEDGIEFYKKKS DNSPKGMIPLKGSTLT SPCQDFGKRMFVKITTTKQQDHF FQAAFLEERDAWVRDINKAIKCIEGGQKFARK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

STRRSIRL PETIDLGALYLSMKDTEKGIKELNLEKDKKIFNHCFTGNC VIDWLVSQNS
VRNRQEGLMIASSLLNEGYLQPAGDMSKSA VDGTAENPFLDNPDAFYFFPDSGFF
CEENSSDDDDVILKEE FRGVIIKQGCLLKQGHRRKNWKVRKFILREDPAYLHYYDP A
GAEDPLGAIHLRGCVVTSVESNSNGRKSEENLFEITA DEVHYFLQAATPKERTEW
IKAIQMASRTGK

**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

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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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