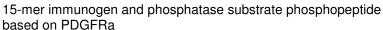
PE-04ARN60-P







Address: 8755 Ash Street, Suite 1 Vancouver, British Columbia, Canada V6P 6T3

Email: info@kinexus.ca Phone: 604-323-2547

Target Protein

Name Long:	Platelet-derived growth factor receptor kinase alpha
Name Alias:	Al115593; Alpha platelet-derived growth factor receptor precursor; CD140a; Kinase PDGFR-alpha; MGC74795; PDGFR2; PDGFRa; PDGFR-alpha; PDGF-R-alpha; PGFRA; Platelet-derived growth factor, alpha-receptor; Rhe-PDGFRA; RHEPDGFRA; CD140A; MGC74795; CCDS3495.1; ENSG00000134853
Species Origin:	Human
UniProt ID:	P16234

Peptide Structure

Peptide Name:	PDGFRA (846-853) pS847+pY849
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	D846-G853
Peptide Sequence:	D(pS)N(pY)VSKG(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1244.1
Observed Peptide Mass:	1245.7
% Peptide Purity:	61
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KLP04CAE-11
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20 ℃

Applications

	Services as a blocking peptide for use with the PDGFRa-pS847+pY849 rabbit
Product Use:	polyclonal antibody (Cat. No.: PK757) that is also available from Kinexus. This
Product Ose.	phosphopeptide may also be useful as a substrate for screening the
	phosphatase activity of protein phosphatases.

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