

PE-01BFU99-P

KIT (813-819) Peptide Powder

9-mer immunogen peptide based on Kit



KINEXUS

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Target Protein

Name Long:	Mast/stem cell growth factor receptor protein-tyrosine Kit
Name Alias:	CD117; C-kit; Kinase Kit; Mast/stem cell growth factor receptor precursor; PBT; SCFR; SL; V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene; V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homologue; ENSG00000157404
Species Origin:	Human
UniProt ID:	P10721

Peptide Structure

Peptide Name:	KIT (813-819)
Peptide Origin:	Just after kinase subdomain VII. The D816V mutation is associated with a gain-of-function and occurs in many human cancers.
Peptide Sequence Location:	L813-N819
Peptide Sequence:	LARVIKN(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	985.4
Observed Peptide Mass:	986.2
% Peptide Purity:	> 98
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:	KMP01CAH-6
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

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

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