

PE-01ATV85-P

ErbB2 (39-50) Peptide Powder

14-mer immunogen peptide based on ErbB2 (HER2, Neu)



KINEXUS

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Target Protein

Name Long:	ErbB2 (Neu) receptor-tyrosine kinase
Name Alias:	CD340; C-erbB-2; Epidermal growth factor receptor-related protein; ErbB2; HER2; HER-2; Kinase ErbB2; MLN 19; V-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian); TKR1; hCG_28177; ENSG00000141736; Q9NP09; Q9UK79
Species Origin:	Human
UniProt ID:	P04626

Peptide Structure

Peptide Name:	ErbB2 (39-50)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	P39-Y50
Peptide Sequence:	CGPETHLDMLRHLY
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1683.9
Observed Peptide Mass:	1683.4
% Peptide Purity:	87
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:	KMP01CAK-76
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the ErbB2 rabbit polyclonal antibody (Cat. No.: NK054-4P) that is also available from Kinexus.
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)