

PE-01BFN99-P

EGFR (855-861) Peptide Powder

9-mer immunogen peptide based on EGFR (ErbB1)



KINEXUS

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Target Protein

Name Long:	Epidermal growth factor receptor-tyrosine kinase
Name Alias:	EGFR; Epidermal growth factor receptor; ErbB-1; ErbB, mENA; HER1; Receptor tyrosine-protein kinase ErbB-1; V-erb-b oncogene homologue; PIG61; CCDS5514.1; ENSG00000146648
Species Origin:	Human
UniProt ID:	P00533

Peptide Structure

Peptide Name:	EGFR (855-861)
Peptide Origin:	Kinase subdomain VII. The L858R mutation is frequently observed in many human tumours.
Peptide Sequence Location:	D855-L861
Peptide Sequence:	DFGRAKL(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None; 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:	979.9
Observed Peptide Mass:	979.1
% 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-2
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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