

# PE-01BCV85-P

## EPHB2 (1033-1051) Peptide Powder

19-mer immunogen peptide based on EphB2



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Ephrin type-B receptor 2 protein-tyrosine kinase
<b>Name Alias:</b>	CEK5; DRT; EPH receptor B2; EPH3; EPH-3; EPHB2; Ephrin type-B receptor 2; EPHT3; Hek5; Tyro5; MGC87492; ENSG00000133216
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P29323

### Peptide Structure

<b>Peptide Name:</b>	EPHB2 (1033-1051)
<b>Peptide Origin:</b>	Near C-terminus
<b>Peptide Sequence Location:</b>	R1033-C1051
<b>Peptide Sequence:</b>	REIQGIFFKEDSHKESNDC
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	2281.4
<b>Observed Peptide Mass:</b>	2281.1
<b>% Peptide Purity:</b>	85.8
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP01CAT-23
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	Serves as a blocking peptide for use with the EphB2-PCT rabbit polyclonal antibody (Cat. No.: NK267-2) 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.

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