

PE-01BHF95-P

EphSubtide Peptide Powder

13-mer kinase substrate peptide for assaying EphB1



KINEXUS

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Target Protein

Name Long:	Ephrin type-B receptor 1 protein-tyrosine kinase
Name Alias:	AW488255; CEK6; ELK; EPB1; Eph receptor B1; EPH2; EPHT2; EPTH2; HEK6; Kinase EphB1; Tyrosine-protein kinase receptor EPH-2
UniProt ID:	P54762

Peptide Structure

Peptide Name:	EphSubtide
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	KRLEDDDYVNVGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1596.7
Observed Peptide Mass:	1596.1
% Peptide Purity:	~95
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:	KMP01CAR-08
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Ephrin type-B receptor 1 protein-tyrosine kinase (UniProt ID P54762).
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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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