

PE-01BIC95-P

MerSubtide Peptide Powder

15-mer kinase substrate peptide for assaying MERTK (MER)



KINEXUS

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Target Protein

Name Long:	Tyrosine-protein kinase Mer; Proto-oncogene tyrosine-protein kinase MER
Name Alias:	C-mer; C-mer proto-oncogene tyrosine kinase; Kinase Mer; MERK; MERTK; MGC133349Proto-oncogene tyrosine-protein kinase MER precursor; Receptor tyrosine kinase MerTK; RP38; MGC133349; CCDS2094.1; ENSG00000153208
UniProt ID:	Q12866

Peptide Structure

Peptide Name:	MerSubtide
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:	KKGIEDDDYYVFGGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1779.9
Observed Peptide Mass:	1777.6
% Peptide Purity:	96
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-30
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 Tyrosine-protein kinase Mer; Proto-oncogene tyrosine-protein kinase MER (UniProt ID Q12866).
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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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