

PE-04AUD95-P

FGFR1 (651-657) pY653+pY654 Peptide Powder

10-mer immunogen and phosphatase substrate phosphopeptide based on FGFR1



KINEXUS

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Target Protein

Name Long:	Fibroblast growth factor receptor-tyrosine kinase 1; Basic fibroblast growth factor receptor 1
Name Alias:	BFGFR; BFGF-R; CD331; CEK; C-fgr; FGFBR; FGFR-1; Fgr; FLT2; KAL2; Pfeiffer syndrome; HBGFR; KAL2; N-SAM; OGD; bFGF-R-1; H2; H3; H4; H5; ENSG00000077782
Species Origin:	Human
UniProt ID:	P11362

Peptide Structure

Peptide Name:	FGFR1 (651-657) pY653+pY654
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	I651-T657
Peptide Sequence:	KK(bA)ID(pY)(pY)KKT
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1416.7
Observed Peptide Mass:	1416.42
% Peptide Purity:	> 97
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:	KMP04CAJ-07
Amount:	1 mg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 1 year at -20 °C

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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