

PE-04AUF01-S

FGFR1 (650-657) pY653+pY654 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on FGFR1



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

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 (650-657) pY653+pY654
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	H650-T657
Peptide Sequence:	HID(pY)(pY)KKT
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
% Peptide Purity:	Spot
Peptide Appearance:	Clear liquid
Peptide Form:	Solution
Peptide Solubility:	Supplied at 1 mg/ml concentration in 5% DMSO in water
Lot Number:	KMP04CAH-57
Amount:	250 µg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 6 months at -20 °C and 1 mg/ml concentration

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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