

PE-04AVL01-S

IRAK4 (448-455) pT351+pT352+pY354 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on IRAK4

**KINEXUS**

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Target Protein

Name Long:	Interleukin 1 receptor-associated kinase 4
Name Alias:	Interleukin-1 receptor associated kinase 4; IPD1, REN64, NY-REN-64; IRAK-4
Species Origin:	Human
UniProt ID:	Q9NWZ3

Peptide Structure

Peptide Name:	IRAK4 (448-455) pT351+pT352+pY354
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	I448-M455
Peptide Sequence:	IVG(pT)(pT)A(pY)M
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-81
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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