

# PE-04AQB95-P

## TRIM33 (1116-1122) pS1119 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on TRIM33 (TIF1G)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Transcription intermediary factor 1-gamma
<b>Name Alias:</b>	FLJ11429; KIAA1113; PTC7; Ret-fused gene 7; RET-fused gene 7 protein; RFG7; Rfg7 protein; TRIM33; Tripartite motif-containing 33 (PTC7;TIF1G); TIF1GAMMA; FLJ32925; ENSG00000197323
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q9UPN9

### Peptide Structure

<b>Peptide Name:</b>	TRIM33 (1116-1122) pS1119
<b>Peptide Origin:</b>	In C-terminus of kinase
<b>Peptide Sequence Location:</b>	R1116-R1122
<b>Peptide Sequence:</b>	RLK(pS)DER(bA)C
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1156.2
<b>Observed Peptide Mass:</b>	1155.6
<b>% Peptide Purity:</b>	96.8
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP04CAX-117
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	Serves as a blocking peptide for use with the TRIM33-pS1119 rabbit polyclonal antibody (Cat. No.: PK836) that is also available from Kinexus. This phosphopeptide may also 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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