

PE-04APY99-P

TRIM28 (514-520) pY517 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on TRIM28 (TIF1B)



KINEXUS

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Target Protein

Name Long:	Transcription intermediary factor 1-beta
Name Alias:	KAP-1; KRIP-1; RING finger protein 96; RNF96; TIF1-beta; Tripartite motif-containing protein 28; TRIM28
Species Origin:	Human
UniProt ID:	Q13263

Peptide Structure

Peptide Name:	TRIM28 (514-520) pY517
Peptide Origin:	In the region between the zf-B_box and PHD domains. The major site of phosphorylation in TRIM28.
Peptide Sequence Location:	T514-I520
Peptide Sequence:	TED(pY)NLI(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1120.1
Observed Peptide Mass:	1119.8
% Peptide Purity:	100
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:	KMP04CAX-114
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the TRIM28-pY517 rabbit polyclonal antibody (Cat. No.: PK835) 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.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)