

PE-04ADP85-P

TLN1 (67-73) pY70 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on TLN1



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:	Talin 1
Name Alias:	OTTMUSP00000007396; Talin-1; Tln; Tln1
Species Origin:	Human
UniProt ID:	Q9Y490

Peptide Structure

Peptide Name:	TLN1 (67-73) pY70
Peptide Origin:	In the N-terminus of the protein. This is the major in vivo phosphorylation site in TLN1.
Peptide Sequence Location:	A67-L73
Peptide Sequence:	ALD(pY)YML(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:	1142.2
Observed Peptide Mass:	1139.9
% Peptide Purity:	84.2
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:	KMP04CAT-41
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 TLN1-pY70 rabbit polyclonal antibody (Cat. No.: PN542) 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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