

PE-04ATE00-P

EEF1A1 (26-32) pY29 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on EEF1A1



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:	Eukaryotic elongation factor 1-alpha 1
Name Alias:	CCS-3; CCS3; cervical cancer suppressor 3; CTCL tumour antigen; EEF-1; EEF1A; eEF1A-1; EEF1A1; EF-1-alpha-1; EF-Tu; EF1A; EF1a-like protein; EF1A1; elongation factor 1 alpha subunit; Elongation factor 1-alpha 1; Elongation factor Tu; Eukaryotic elongation factor 1 A-1; eukaryotic translation elongation factor 1 alpha 1; eukaryotic translation elongation factor 1 alpha 1-like 14; FLJ25721; glucocorticoid receptor AF-1 specific elongation factor; GRAF-1EF; HNGC:16303; LENG7; leukocyte receptor cluster (LRC) member 7; Leukocyte receptor cluster member 7; MGC102687; MGC131894; MGC16224; prostate tumour-inducing protein 1; PTI1; translation elongation factor 1 alpha 1-like 14
Species Origin:	Human
UniProt ID:	P68104

Peptide Structure

Peptide Name:	EEF1A1 (26-32) pY29
Peptide Origin:	Near the N-terminus of the protein.
Peptide Sequence Location:	H26-G32
Peptide Sequence:	HLI(pY)KCG(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
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:	KMP04CAR-03
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
---------------------	--

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)