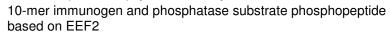
PE-04AQY90-P EEF2 (53-60) pT57 Peptide Powder





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 2
Name Alias:	EEF-2; EF-2; Elongation factor 2; eukaryotic translation elongation factor 2; polypeptidyl-tRNA translocase
Species Origin:	Human
UniProt ID:	P13639

Peptide Structure

Peptide Name:	EEF2 (53-60) pT57
Peptide Origin:	In the N-terminal portion of the protein. One of the major in vivo phosphorylation sites in EEF2.
Peptide Sequence Location:	E53-R60
Peptide Sequence:	ETRF(pT)DTR(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:	1278.3
Observed Peptide Mass:	1278.1
% Peptide Purity:	89.1
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:	KMP04CAY-08
Amount:	1 mg
Storage Conditions:	Frozen at -20 ℃
Storage Stability:	Over 1 year at -20 ℃

Applications

Product Use: Services as a blocking peptide for use with the EEF2-pT57 antibody (Cat. No.: PN555) that is also available from Kinex phosphopeptide may also be useful as a substrate for scree phosphatase activity of protein phosphatases.	us. This
---	----------

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 <u>www.kinexusproducts.ca</u> or contact us at 1-866-KINASES (546-2737)