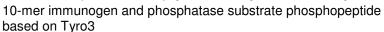
# PE-04AQL90-P

## TYRO3 (682-689) pY685+pY686 Peptide Powder





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#### **Target Protein**

Name Long:	Tyrosine-protein kinase receptor TYRO3
Name Alias:	BYK; DTK; RSE; SKY; Tif; Brt; FLJ16467; CCDS10080.1; ENSG00000092445
Species Origin:	Human
UniProt ID:	Q06418

### Peptide Structure

Peptide Name:	TYRO3 (682-689) pY685+pY686
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	S682-G689
Peptide Sequence:	SGD(pY)(pY)RQG(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:	1278.1
Observed Peptide Mass:	1277.8
% Peptide Purity:	89.4
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-127
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20 ℃

#### **Applications**

Product Use:	polyclonal antibody (Cat. No.: PK848) 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 <a href="www.kinexusproducts.ca">www.kinexusproducts.ca</a> or contact us at 1-866-KINASES (546-2737)