

# PE-04AMS95-P

## GTF2F1 (382-392) pS385+pT389 Peptide Powder

13-mer immunogen and phosphatase substrate phosphopeptide based on GTF2F1



**KINEXUS**

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### Target Protein

<b>Name Long:</b>	General transcription factor IIF subunit 1
<b>Name Alias:</b>	BTF4; General transcription factor IIF polypeptide 1 74 kDa subunit protein; General transcription factor IIF, polypeptide 1 (74kD subunit); General transcription factor IIF, polypeptide 1, 74kDa; RAP74; T2FA; TF2F1; TFIIF; Transcription initiation factor IIF alpha subunit; Transcription initiation factor IIF subunit alpha; Transcription initiation factor RAP74
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P35269

### Peptide Structure

<b>Peptide Name:</b>	GTF2F1 (382-392) pS385+pT389
<b>Peptide Origin:</b>	In the TFIIF_alpha domain
<b>Peptide Sequence Location:</b>	R382-A392
<b>Peptide Sequence:</b>	RGN(pS)RPG(pT)PSA(bA)C
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1433.34
<b>Observed Peptide Mass:</b>	1432.0
<b>% Peptide Purity:</b>	96.7
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP04CAX-31
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	Serves as a blocking peptide for use with the GTF2F1-pS385+pT389 rabbit polyclonal antibody (Cat. No.: PK651) 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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