Human CREB (aa 123-136) Synthetic Peptide

Product Details	
Size	50 µg
Species Reactivity	Human
Host/Isotype	Artificial Control
Class	Synthetic
Type	Peptide
Conjugate	Unconjugated
Form	Lyophilized
Concentration	0.5 mg/mL
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-dependent	-

Product Specific Information

PEP-143 is a 14 amino acid synthetic phospho-peptide whose sequence corresponds to residues 123-136 of human CREB with serine 133 being phosphorylated. The sequence of this peptide is (amino to carboxy terminus): K (123)-R-R-E-I-L-S-R-R-P-S (p)-Y-R-K (136)

This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and human CREB, catalog # PA1-851B. Using a solution of peptide of equal volume and concentration to the corresponding antibody will yield a large molar excess of peptide (~70-fold) for competitive inhibition of antibody-protein binding reactions.

Reconstitute with 0.1 mL of distilled water.

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