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- Expressversand

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Datasheet for 100-4167CP

IKB alpha C-terminal Peptide

Overview

Description:	IKBα C-terminal Peptide - 100-4167CP
Item No.:	100-4167CP
Size:	50 µg
Origin:	Human

Product Details

Background:	Intended for use as a control peptide when used with anti-IKB alpha C-terminal specific to block specific interaction of anti-IKB alpha C-terminal specific [p/n 100-4167C] with the IKB alpha subunit. I-kappa-B-alpha inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, IKBA becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.
Synonyms:	NF-kappa-B inhibitor alpha peptide, I-kappa-B-alpha antibody, IkB-alpha, IkappaBalpha, IKBA, MAD3, NFKBI, control peptide, blocking peptide
Species of Origin:	Human
Type:	Peptide

Target Details

Purity/Specificity:	Greater than 95% specific peptide

Application Details

Application Note:	Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by dry weight
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is six (6) months from date of receipt.

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