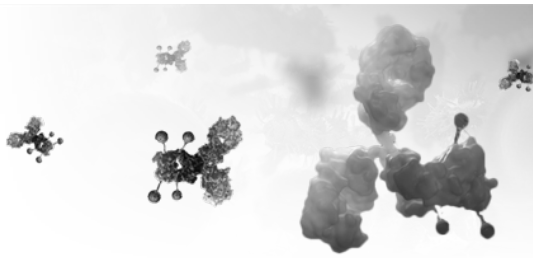

Human CHUK blocking peptide (CDBP1568)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	IKK alpha (C2) peptide (human)
Antigen Description	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Upon receipt - Keep as concentrated solution. Aliquot and store at -20℃ or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	CHUK conserved helix-loop-helix ubiquitous kinase [Homo sapiens (human)]
Official Symbol	CHUK
Synonyms	CHUK; conserved helix-loop-helix ubiquitous kinase; IKK1; IKKA; IKBKA; TCF16; NFKBIKA;

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	IKK-alpha; inhibitor of nuclear factor kappa-B kinase subunit alpha; TCF-16; IKK-a kinase; I-kappa-B kinase 1; I-kappa-B kinase-alpha; transcription factor 16; IkB kinase alpha subunit; Nuclear factor NFkappaB inhibitor kinase alpha;
Entrez Gene ID	1147
mRNA Refseq	NM_001278.3
Protein Refseq	NP_001269.3
UniProt ID	O15111
Chromosome Location	10q24-q25
Pathway	AGE/RAGE pathway, organism-specific biosystem; AKT phosphorylates targets in the cytosol, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved bios
Function	ATP binding; IkappaB kinase activity; protein binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; scaffold protein binding;

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