Recombinant Human CHUK protein, Flag-tagged, Biotinylated

Cat. No. CHUK-52H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IKKα [1-745(end) amino acids of accession number NP_001269.3] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-745 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	88 kDa
Purity	>85% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CHUK conserved helix-loop-helix ubiquitous kinase [Homo sapiens]
Official Symbol	CHUK

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Synonyms	CHUK; TCF16; IkBKA; IKK alpha; IKK1; IKKA; NFKBIKA; TCF-16; IKK-a kinase; I-kappa-B kinase 1; IKBKA; IKK-alpha;
Gene ID	1147
mRNA Refseq	NM_001278
Protein Refseq	NP_001269
MIM	600664
UniProt ID	O15111
Chromosome Location	10q24-q25
Pathway	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;
Function	ATP binding; IkappaB kinase activity; nucleotide binding; protein binding; protein kinase activity;

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