Recombinant Full Length Human CHUK Protein, His tagged

Cat. No. CHUK-13HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human conserved helix-loop-helix ubiquitous kinase (CHUK), full length, with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-745 aa
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.
Form	50 mM Tris-HCl, pH 8.0, 8 M urea
Molecular Mass	84.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product

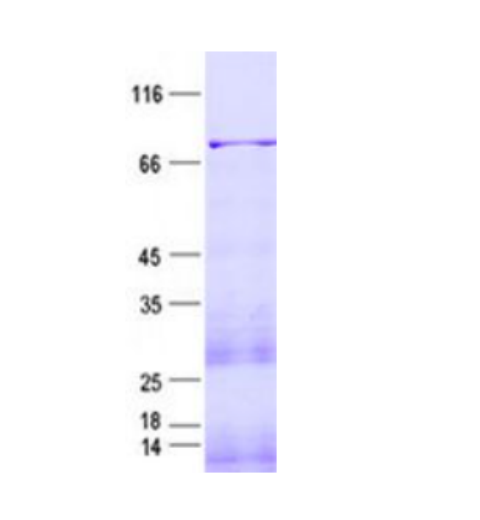
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 0.05 μg/μL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CHUK component of inhibitor of nuclear factor kappa B kinase complex [Homo sapiens (human)]
Official Symbol	CHUK
Synonyms	CHUK; component of inhibitor of nuclear factor kappa B kinase complex; BPS2; IKK1; IKKA; IKBKA; IKK-1; TCF16; NFKBIKA; IKK-alpha; inhibitor of nuclear factor kappa-B kinase subunit alpha; I-kappa-B kinase 1; I-kappa-B kinase-alpha; IKK-a kinase; IkB kinase alpha subunit; Nuclear factor NFkappaB inhibitor kinase alpha; conserved helix-loop-helix ubiquitous kinase; transcription factor 16; EC 2.7.11.10
Gene ID	1147
mRNA Refseq	NM_001278
Protein Refseq	NP_001269
MIM	600664
UniProt ID	O14666

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SDS-PAGE	

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