

Recombinant Human CHUK protein, His-tagged

Cat. No. CHUK-3943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHUK protein(516 - 620 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	516 - 620 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MEKAIHYAEVGVIGYLEDDQIMSLHAEIMELQKSPYGRQGDLMESLEQRAIDLKYLKQL KHRPSDHSYSDDSTEMVKIIVHTVQSQDRVLKELFGHLSKLLGCKQKIID
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

 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

storage.

GENE INFORMATION

Gene Name	CHUK conserved helix-loop-helix ubiquitous kinase [Homo sapiens]
Official Symbol	CHUK
Synonyms	CHUK; conserved helix-loop-helix ubiquitous kinase; TCF16; inhibitor of nuclear factor kappa-B kinase subunit alpha; IkbKA; IKK alpha; IKK1; IKKA; NFKBKA; 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; IKBKA; IKK-alpha;
Gene ID	1147
mRNA Refseq	NM_001278
Protein Refseq	NP_001269
MIM	600664
UniProt ID	O15111

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