

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 |

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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; NFKB1KA; IKK-alpha; inhibitor of nuclear factor kappa-B kinase subunit alpha; I-kappa-B kinase 1; I-kappa-B kinase-alpha; IKK-a kinase; IκB kinase alpha subunit; Nuclear factor NFκappaB 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

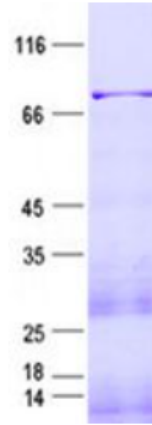
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SDS-PAGE



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