

Recombinant Human CKAP5 protein, His-tagged

Cat. No. CKAP5-6833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CKAP5 protein(1-349 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-349 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MGDDSEWLKLPVDQKCEHKLWKARLSGYEEALKIFQKIKDEKSPEWSKFLGLIKKFV TDSNAVVLKLGLEAALVYVENAHVAGKTTGEVVSGVVSQVFNQPKAKAKELGIEICL MYIEIEKGAEVQEELLKGLDNKNPKIIVACIETLRKALSEFGSKIILLKPIIKVLPKLFESR EKA VRDEAKLIAVEIYRWIRDALRPPLQNINSVQLKELEEEWVKLPTSAPRPTRFLRS QQELEAKLEQQQSAGGDAEGGGDDGDEVPQIDAYELLEAVEILSKLPKDFYDKIEAK KWQERKEALESVEVLKPNPKLEAGDYADLVKALKKVVGKDTNVMLVALAAKCLTGLA V
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name CKAP5 cytoskeleton associated protein 5 [Homo sapiens]

Official Symbol CKAP5

Synonyms CKAP5; cytoskeleton associated protein 5; cytoskeleton-associated protein 5; ch TOG; KIAA0097; TOG; TOGp; colonic and hepatic tumor overexpressed gene protein; colonic and hepatic tumor over-expressed gene protein; MSPS; CHTOG; ch-TOG; FLJ35359;

Gene ID 9793

mRNA Refseq NM_001008938

Protein Refseq NP_001008938

MIM 611142

UniProt ID Q14008

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SDS-PAGE

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