

Recombinant Human CKAP4 protein, His-tagged

Cat. No. CKAP4-28002TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CKAP4 protein(254-602 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	254-602 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. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	IFTEVQKRSQKEINDMKAKVASLEESEGNKQDLKALKEAVKEIQTSAKSREWDMEAL RSTLQTMESDIYTEVRELVSLKQEQQAFKEAADTERLALQALTEKLLRSEESVSRP EEIRRLEEELRQLKSDSHGPKEDGGFRHSEAFEALQQKSQGLDSRLQHVEDGVLSM QVASARQTESLESLLSKSQEHEQRLAALQGRLEGLGSSEADQDGLASTVRS�GETQ LVLYGDVEELKRSVGELPSTVESLQKVQEQVHTLLSQDQAQAARLPPQDFLDRLSS LDNLKASVSQVEADLKMLRTAVDSLVAYSVKIETNENNLESAGLLDDLRLDLRLF VKVEKIHEKV
Purity	80%, 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

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 CKAP4 cytoskeleton-associated protein 4 [Homo sapiens]

Official Symbol CKAP4

Synonyms

CKAP4; cytoskeleton-associated protein 4; CLIMP 63; ERGIC 63; P63; 63 kDa membrane protein; type-II transmembrane protein p63; 63-kDa cytoskeleton-linking membrane protein; transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment; p63; CLIMP-63; ERGIC-63; MGC99554;

Gene ID 10970

mRNA Refseq NM_006825

Protein Refseq NP_006816

UniProt ID Q07065

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