

Recombinant Human CNOT4 protein, His-tagged

Cat. No. CNOT4-6755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNOT4 protein(331-476 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	331-476 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	QSLFSDIFRHPNPIPSGLPPFPSSPQTSSDWPTAPEPQSLFTSETIPVSSSTDWQAA FGFGSSKQPEDDLGFDPFDVTRKALADLIEKELSVQDQPSLSPTSLQNSSSHTTTAK GPGSGFLHPAAATNANSLNSTFSVLPQRFPPQF
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, 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

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

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

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

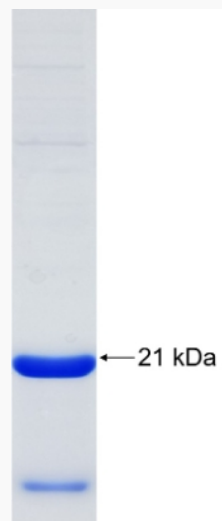
GENE INFORMATION

Gene Name	CNOT4 CCR4-NOT transcription complex, subunit 4 [Homo sapiens]
Official Symbol	CNOT4
Synonyms	CNOT4; CCR4-NOT transcription complex, subunit 4; NOT4; CCR4-NOT transcription complex subunit 4; CLONE243; NOT4H; CCR4-associated factor 4; E3 ubiquitin-protein ligase CNOT4; potential transcriptional repressor NOT4Hp; NOT4 (negative regulator of transcription 4, yeast) homolog;
Gene ID	4850
mRNA Refseq	NM_001008225
Protein Refseq	NP_001008226
MIM	604911
UniProt ID	O95628

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SDS-PAGE

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