

Recombinant Human CNOT6 Protein (153-557), His tagged

Cat. No. CNOT6-2174H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CNOT6 (153-557) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	153-557
Description	Poly(A) nuclease with 3'-5' RNase activity. Catalytic component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Involved in mRNA decay mediated by the major-protein-coding determinant of instability (mCRD) of the FOS gene in the cytoplasm. In the presence of ZNF335, enhances ligand-dependent transcriptional activity of nuclear hormone receptors, including RARA. The increase of ligand-dependent ESR1-mediated transcription is much smaller, if any. Mediates cell proliferation and cell survival and prevents cellular senescence.
Form	Lyophilized powder/frozen liquid
Molecular Mass	45.61 kDa
Purity	>90% as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	CNOT6 CCR4-NOT transcription complex, subunit 6 [Homo sapiens (human)]
Official Symbol	CNOT6
Synonyms	CNOT6; CCR4-NOT transcription complex, subunit 6; CCR4-NOT transcription complex subunit 6; CCR4; KIAA1194; cytoplasmic deadenylase; carbon catabolite repression 4 protein; carbon catabolite repressor protein 4 homolog;
Gene ID	57472
mRNA Refseq	NM_015455
Protein Refseq	NP_056270
MIM	608951
UniProt ID	Q9ULM6

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