

Recombinant Human CNOT8 protein, T7/His-tagged

Cat. No. CNOT8-156H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human POP2 (291aa, derived from BC017366) protein fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFPAALVENSQVICEVWASNLEEEMRK IREIVLSYSYIAMDTEFPGVV VRPIGEFRSSIDYQYQLLR CNVDLLKIIQLGLTFTNEKG EYPSGINTWQFNFKNLTEDMYSQDSIDLLANGLQ FQKHEEEGIDTLHFAELLMTS GVVLC DNVKWLSFHSGYDFGYMVKLLTDSRLPEEEHEFFHILNLFPSIYDVKY LMK SCKNLKGG LQEVADQLDLQRIGRQHQAGSDSLLTGMAFFRMKELFFEDSIDDAKYC GRLYGLGTGVAQKQNE DVDSAQEKMSILAIINNMQQ
Purity	>90% by SDS-PAGE
Applications	1. May serve as auto-antibodies detection reagent, which will react with sera of some autoimmune-diseases patients. 2. May be used as specific protein substrate for kinase and ubiquitin (Sumo pathway) related enzyme functional screening assays. 3. May be used for POP2 protein-protein interaction mapping. 4. As immunogen for specific antibody production.

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Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name CNOT8 CCR4-NOT transcription complex, subunit 8 [Homo sapiens]

Official Symbol CNOT8

Synonyms CNOT8; CAF1; CALIF; hCAF1; PGK promoter directed over production; CAF2; CALIFp; CAF1-like protein; CCR4-associated factor 8;

Gene ID 9337

mRNA Refseq NM_004779

Protein Refseq NP_004770

MIM 603731

UniProt ID Q9UFF9

Chromosome Location 5q31-q33

Pathway Deadenylation of mRNA, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;

Function nucleic acid binding; sequence-specific DNA binding transcription factor activity;

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