

Product datasheet for **AR50985PU-N**

CNOT8 (1-292, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CNOT8 (1-292, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPAALVE NSQVICEVWA SNLEEEMRKI REIVLSYSYI AMDTEFPVV VPIGEFRSS IDYQYQLLRC NVDLLKIIQL GLTFTNEKGE YPSGINTWQF NFKFNLTEDM YSQDSIDLLA NSGLQFQKHE EEGIDTLHFA ELLMTSGVVL CDNVKWLFSFH SGYDFGYMVK LLTDSRLPEE EHEFFHILNL FFPSIYDVKY LMKSCNKLKG GLQEVADQLD LQRIGRQHQA GSDSLLTGMA FFRMKELFFE DSIDDAKYCG RLYGLGTGVA QKQNEVDVSA QEKM SILAII NNMQQ
Tag:	His-tag
Predicted MW:	35.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001288002
Locus ID:	9337
UniProt ID:	Q9UFF9
Cytogenetics:	5q33.2
Synonyms:	CAF1; Caf1b; CALIF; hCAF1; POP2



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Summary:

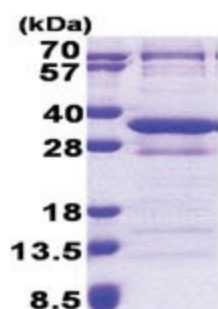
Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. Its function seems to be partially redundant with that of CNOT7. Catalytic component of the CCR4-NOT complex which is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. During miRNA-mediated repression the complex seems also to act as translational repressor during translational initiation. Additional complex functions may be a consequence of its influence on mRNA expression. Associates with members of the BTG family such as TOB1 and BTG2 and is required for their anti-proliferative activity. [UniProtKB/Swiss-Prot Function]

Protein Families:

Transcription Factors

Protein Pathways:

RNA degradation

Product images:

15% SDS-PAGE (3ug)