

Product datasheet for PH307541

CNOT4 (NM_001008225) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CNOT4 MS Standard C13 and N15-labeled recombinant protein (NP_001008226)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207541
Predicted MW:	63.1 kDa
Protein Sequence:	>RC207541 protein sequence Red=Cloning site Green=Tags(s)

MSRSPDAKEDPVECPLCMEPLEIDDIINFFPCTCGYQICRFCWHRIIRDENGLCPACRKPYPEDPAVYKPL
SQEELQRIKNEKKQKQNERKQKISENRKHLASVRVYQKNLVFVVGLSQRLADPEVLKRPEYFGKFGKIHK
VYINNSTSYAGSQGPSASAYVTYIRSEDALRAIQCVNNVVVDGRTLKASLGTTKYCSYFLKNMQCPKPCD
MYLHELGDAAASFKEEMQAGKHQEQKLLQELYKLNPNFLQLSTGSVDKKNKVTPLQSPIDKPSDSL
SIGNGDNSQQISNSDTPSPPPGLSKSNPVIPISSNHSARSPFEGAVTESQSLFSDIFRHPNPPIPSGLPP
FPSSPQTSSDWPTAPEPQSLFTSETIPVSSSTDWQAAFQGFSSKQPEDDLGDFDPDVTRKALADLIEKEL
SVQDQPSLSPTSLQNSSSHTTTAKGPGSGFLHPAAATNANSLNSTFVSLPQRFQFQQHRAVYNSFSFPG
QAARYPWMAFPRNSIMHLNHTANPTSNSNFLDLNLPQHNTGLGGIPVAGEEEVKVSTMPLSTSSHSLQQ
GQPTSLHTTVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001008226
RefSeq Size:	3774
RefSeq ORF:	1716



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Synonyms: CLONE243; NOT4; NOT4H

Locus ID: 4850

UniProt ID: [O95628](#), [A0A024R776](#)

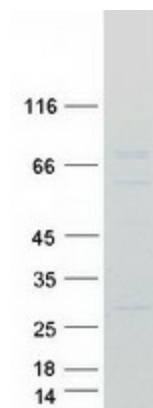
Cytogenetics: 7q33

Summary: The protein encoded by this gene is a subunit of the CCR4-NOT complex, a global transcriptional regulator. The encoded protein interacts with CNOT1 and has E3 ubiquitin ligase activity. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2010]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: RNA degradation

Product images:



Coomassie blue staining of purified CNOT4 protein (Cat# [TP307541]). The protein was produced from HEK293T cells transfected with CNOT4 cDNA clone (Cat# [RC207541]) using MegaTran 2.0 (Cat# [TT210002]).