

## Recombinant Human CNOT4 Protein, GST-tagged

**Cat. No.** CNOT4-1582H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>Product Overview</b> | Human CNOT4 full-length ORF (BAC11125.1, 1 a.a. - 565 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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]                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 88.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>MQCPKPCMYLHELGDAAASFTKEEMQAGKHQEYEQKLLQELYKLNPNFLQLSTG<br/> SVDKNKNKVTPLQRYDTPIDKPSDSLISNGDNSQQISNSDTPSPPPGLSKSNPVIPI<br/> SSSNHSARSPFEGAVTESQSLFSDNFRHPNPIPSGLPPFPSSPQTSSDWPTAPEPQ<br/> SLFTSETIPVSSSTDWQAAFGFGSSKQPEDDLGFDPFDPVTRKALADLIEKELSVQDQ<br/> PSLSPTSLQNSSSHTTTAKGPGSGFLHPAAATNANSLNSTFSVLPQRFPPQFQQHRA<br/> VYNSFSFPGQAARYPWMAFPRNSIMHLNHTANPTSNSNFDLNLPPQHNTGLGGIP<br/> VADNSSSIESLNMKEWQDGLRALLPNININFGGLPNSSSPSNANHSAPTSNTATTD<br/> LSWDSPGSWTDPAITGIPASSGNSLDLQDDNPPHWLKSLQALTEMDGPSAAPSQ<br/> THHSAPFSTQIPLHRASWNPYPSPSNPSSFHSPPPQIYYRVQHWTAIRQRGATIRKC<br/> RICPTLFSPSQPTTHSSLLISYVLKNPVPDQFFSLTPDAMRSQGHYHLFINCKNFC</p> |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                        |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                 |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>        | CNOT4 CCR4-NOT transcription complex, subunit 4 [ Homo sapiens ]                                                                                                                                                                                                                         |
| <b>Official Symbol</b>  | CNOT4                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>         | 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; |
| <b>Gene ID</b>          | 4850                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>      | NM_001008225                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>   | NP_001008226                                                                                                                                                                                                                                                                             |
| <b>MIM</b>              | 604911                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>       | O95628                                                                                                                                                                                                                                                                                   |

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