

# Recombinant Human RNF14 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RNF14-2948H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RNF14 MS Standard C13 and N15-labeled recombinant protein (NP_899648) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein interacts with androgen receptor (AR) and may function as a coactivator that induces AR target gene expression in prostate. A dominant negative mutant of this gene has been demonstrated to inhibit the AR-mediated growth of prostate cancer. This protein also interacts with class III ubiquitin-conjugating enzymes (E2s) and may act as a ubiquitin-ligase (E3) in the ubiquitination of certain nuclear proteins. Six alternatively spliced transcript variants encoding two distinct isoforms have been reported. |
| <b>Molecular Mass</b>   | 53.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | Tags(s)XCRQKIEKLRRMNCWPWQVFTMEMNLEKQSLSKVEKPGSIWICHISRIL*<br>AAIQMSVSRIVALNTPFAFCLHLC*TLNCHQIIHPLPHLHSHLVANGCHQLSYLLYAST*<br>TTYGKNTVAAWSCLPGCNFLRKRP*HT*ILSLLLSSRLVLRKKCREGQLKLLPTQS*IL<br>EELLDLM*TKRKLWMREQCRMWNHCQI*SRKSWTLIKLSR*NALIVNCSCAVSVSVR<br>SWVVNACTSWSAGMCTAKPV*RTTLKSRSEMARFNASTAQNQSALRWPLLVRSK                                                                                                                                                                                                                                                                                                                                                    |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

S\*WKQSYLPVMTAFSSSPWWT\*WQMWCTAPGRAASCL\*CRNLAAPWVSAPAAILPS  
 VLCAG\*PTMGSPHVR\*LQRN\*WTYEMNTCKRMRLIKDFWIKGMVRE\*FRRHWKRWK  
 VRSG\*RRTQRAAHVVLP\*RN\*TDVTR\*HVLAVCNISVGFAWVLSLEQTLTNISMTLV  
 HHVLTGCFMLWMLTTIFGKMR\*KTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** RNF14 ring finger protein 14 [ Homo sapiens (human) ]

**Official Symbol** RNF14

**Synonyms** RNF14; ring finger protein 14; E3 ubiquitin-protein ligase RNF14; ARA54; HFB30; TRIAD2; androgen receptor associated protein 54; androgen receptor-associated protein 54; HRIHFB2038; FLJ26004;

**Gene ID** 9604

**mRNA Refseq** NM\_183401

**Protein Refseq** NP\_899648

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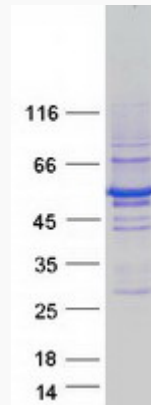
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MIM 605675

UniProt ID Q9UBS8

SDS-PAGE



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