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

Cat. No. RNF14-5464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNF14 MS Standard C13 and N15-labeled recombinant protein (NP_899646) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	53.8 kDa
AA Sequence	Tags(s)XCRQKIEKLRRMNCWPWQVFTMEMNLEKQSLSKVEKPGSIWICHRISRYL* AAIQMSVSRIVALNTPFAFCLHLC*TLNCHQIIHPLPHLHSHLVANGCHQLSYLLYAST* TTYGKNTVAAWSCLPGCNFLRKRP*HT*ILSLLLSSRLVLRKKCREGQLKLLPTQS*IL EELLDLM*TKRKLWMREQCRMWNHCQI*SRKSWTLIKLSR*NALIVNCSCAVSVSVR SWVVNACTSWSAGMCTAKPV*RTTLKSRSEMARFNASTAQNQSALRWPLLVRSK

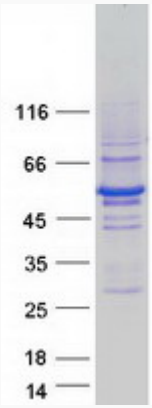
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	S*WKQSYLPVMTAFSSSPPWT*WQMWCTAPGRAASCL*CRNLAAPWVSAPAAILPS VLCAG*PTMGSPHVR*LQRN*WTYEMNTCKRMRLIKDFWIKGMVRE*FRRHWKRWK VRSG*RRTQRAAHVVELP*RN*TDVTR*HVLAVCNISVGFAWVLSLEQTLTNISMTLV HHVLTGCFMLWMLTTIFGKMR*KTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined 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_183399
Protein Refseq	NP_899646

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MIM	605675
UniProt ID	Q9UBS8
SDS-PAGE	

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