

## Product datasheet for TP323420L

### RNF14 (NM\_183401) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ring finger protein 14 (RNF14), transcript variant 5, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223420 protein sequence Red=Cloning site Green=Tags(s)

XCRQKIEKLRRMNCWPWQVFTMEMNLEKQSLSKVEKPGSIWICHISRYL\*AAIQMSVSRIVALNTPFAF  
CLHLC\*TLNCHQIIHPLPHLHSHLVANGCHQLSYLLYAST\*TTYGKNTVAAWSCLPGCNFLRKR\*HT\*I  
LSLLLSSRLVLRKKCREGQLKLLPTQS\*ILEELLDLM\*TKRKLWMREQCRMWNHCQI\*SRKSWTLIKLSR  
\*NALIVNCSCAVSVRSWVWNACTSWAGMCTAKPV\*RTTLKSRSEMARFNASTAQNSALRWPLLVR  
KS\*WKQSYLPVMTAFSSPPWT\*WQMWCTAPGRAASCL\*CRNLAAPWVSAPAAILPSVLCAG\*PTMGSPH  
VR\*LQRN\*WTYEMNTCKRMRLIKDFWIKGMVRE\*FRRHWKRWKVRS\*G\*RRTQRAAHVVELP\*RN\*TDVTR  
\*HVLAVCNISVGFAWVLSLEQLTLNISMTLVHVVLTGCFMLWMLTTIFGKMR\*K

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	53.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_899648](#)

Locus ID: 9604

UniProt ID: [Q9UBS8](#)

RefSeq Size: 4201

Cytogenetics: 5q31.3

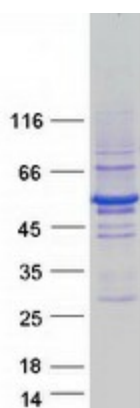
RefSeq ORF: 1422

Synonyms: ARA54; HFB30; HRIHFB2038; TRIAD2

**Summary:** 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. [provided by RefSeq, Jan 2011]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified RNF14 protein (Cat# [TP323420]). The protein was produced from HEK293T cells transfected with RNF14 cDNA clone (Cat# [RC223420]) using MegaTran 2.0 (Cat# [TT210002]).