

## Product datasheet for **TP323304M**

### RNF14 (NM\_004290) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens ring finger protein 14 (RNF14), transcript variant 1, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC223304 representing NM_004290 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSSEDREAQDELLALASIYDGDDEFKRAESVQGGETRIYLDLPQNFKIFVSGNSNECLQNSGFYEYICFL  PPLVLNLFELPPDYSSPPSFTLSGKWLSPQLSALCKHLDNLWEEHRGSSVLFQAWMQFLKEETLAYLNI  VSPFELKIGSQKKVQRRTAQASPNTLDFGGAAGSDVDQEEIVDERAVQDVESLSNLIQEILDFDQAQOI  KCFNSKFLCSICFCEKLGSECMYFLECRHVYCKACLKDYFEIQIRDGQVQCLNCPKPCPSVATPGQVK  ELVEAELFARYDRLLLQSSLDLMADVVCPRPCCQLPVMQEPGCTMGICSSCNFAFCTLCLRTYHGVSPC  KVTAEKMLDLRNEYLQADEANKRLDQRYGKRVIQKALEEMESKEWLEKNSKSCPCCGTPIEKLDGCKNM  TCTGCMQYFCWICMGSLSRANPYKHFNDPGSPCFNRLFYAVDVEDDDIWEDEVED</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	53.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



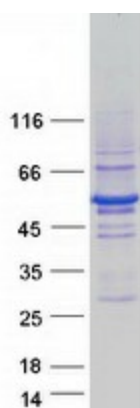
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RefSeq:	<a href="#">NP_004281</a>
Locus ID:	9604
UniProt ID:	<a href="#">Q9UBS8</a>
RefSeq Size:	4395
Cytogenetics:	5q31.3
RefSeq ORF:	1422
Synonyms:	ARA54; HFB30; HRIHFB2038; TRIAD2

**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# [TP323304]). The protein was produced from HEK293T cells transfected with RNF14 cDNA clone (Cat# [RC223304]) using MegaTran 2.0 (Cat# [TT210002]).