

Product datasheet for **TP323491L**

RNF14 (NM_183399) Human Recombinant Protein

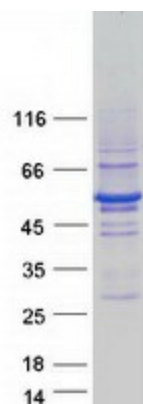
Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens ring finger protein 14 (RNF14), transcript variant 3, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >Peptide sequence encoded by RC223491 Blue=ORF Red=Cloning site Green=Tag(s) MSSEDREAQDELLALASIYDGDEFKRAESVQGGETRIYLDLPQNFKIFVSGNSNECLQNSGFYEYTCF LPPLVLNFELPPDYPSSSPSFTLSGKWLSPTQLSALCKHLDNLWEEHRGSVVLFAWMQFLKEETLAYL NIVSPFELKIGSQKKVQRRTAQASPNTELDFGGAAGSDVDQEEIVDERAVQDVESLSNLIQEILDFDQA QQIKCFNSKFLCSICFCEKLGSECMYFLECRHVYCKACLKDYFEIQIRDGQVQCLNCPEPKCPSVATP GQVKELVEAELFARYDRLLLQSSLDLMADVVCPRPCCQLPVMQEPGCTMGICSSCNFAFCTLCRLTYH GVSPCKVTAEKMLMDLRNEYLQADEANKRLLDQRYGKRVIQKALEEMESKEWLEKNSKSCPCCGTPIEKL DGCNKMTCTGCMQYFCWICMGSLSRANPYKHFNDPGSPCFNRLFYAVDVEDDDDIWEDEVED TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| | Recombinant protein using RC223491 also available, TP323491 |
| 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. |


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| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_899646 |
| Locus ID: | 9604 |
| UniProt ID: | Q9UBS8 |
| RefSeq Size: | 4007 |
| Cytogenetics: | 5q31.3 |
| RefSeq ORF: | 1424 |
| 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# [TP323491]). The protein was produced from HEK293T cells transfected with RNF14 cDNA clone (Cat# [RC223491]) using MegaTran 2.0 (Cat# [TT210002]).