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Product datasheet for TP323491M

RNF14 (NM_183399) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ring finger protein 14 (RNF14), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223491 protein sequence Red=Cloning site Green=Tags(s) XCRQKIEKLRRMNCWPWQVFTMEMNLEKQSLSKVEKPGSIWICHRISRYL*AAIQMSVSRIVALNTPFAF CLHLC*TLNCHQIIHPLPHLHSHLVANGCHQLSYLLYAST*TTYGKNTVAAWSCLPGCNFLRKRP*HT*I LSLLLSSRLVLRKKCREGQLKLLPTQS*ILEELLDLM*TKRKLWMREQCRMWNHCQI*SRKSWTLIKLSR *NALIVNCSCAVSVSVRSWVVNACTSWSAGMCTAKPV*RTTLKSRSEMARFNASTAQNQSALRWPLLVRS KS*WKQSYLPVMTAFSSSPPWT*WQMWCTAPGRAASCL*CRNLAAPWVSAPAAILPSVLCAG*PTMGSPH VR*LQRN*WTYEMNTCKRMRLIKDFWIKGMVRE*FRRHWKRWKVRSG*RRTQRAAHVVELP*RN*TDVTR *HVLAVCNISVGFAWVLSLEQTLTNISMTLVHHVLTGCFMLWMLTTIFGKMR*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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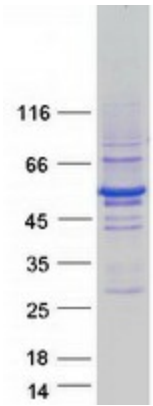
RefSeq:	NP_899646
Locus ID:	9604
UniProt ID:	Q9UBS8
RefSeq Size:	4007
Cytogenetics:	5q31.3
RefSeq ORF:	1422
Synonyms:	ARA54; HFB30; HRIHFB2038; TRIAD2
Summary:	The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein interacts 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# [TP323491]). The protein was produced from HEK293T cells transfected with RNF14 cDNA clone (Cat# [RC223491]) using MegaTran 2.0 (Cat# [TT210002]).