

Product datasheet for PH323420

RNF14 (NM_183401) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RNF14 MS Standard C13 and N15-labeled recombinant protein (NP_899648)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223420
Predicted MW:	53.8 kDa
Protein Sequence:	>RC223420 protein sequence Red=Cloning site Green=Tags(s)

XCRQKIEKLRRMNCWPWQVFTMEMNLEKQSLSKVEKPGSIWICHRIISRYL*AAIQMSVSRIVALNTPFAF
CLHLC*TLNCHQIIHPLPHLHSHLVANGCHQLSYLLYAST*TTYGKNTVAAWSCLPGCNFLRKRP*HT*I
LSLLLSSRLVLRKKCREGQLKLLPTQS*ILEELLDLM*TKRKLWMREQCRMWNHCQI*SRKSWTLIKLSR
*NALIVNCSCAVSVRSWVWVNACTSWAGMCTAKPV*RTTLKSRSEMARFNASTAQNSALRWPLLVR
KS*WKQSYLPVMTAFSSSPWT*WQMWCTAPGRAASCL*CRNLAAPWVSAPAAIILPSVLCAG*PTMGSPH
VR*LQRN*WTYEMNTCKRMRLIKDFWIKGMVRE*FRRHWRKWKVRSR*RRTQRAAHVVELP*RN*TDVTR
*HVLAVCNISVGFVAVLSLEQTLTNI SMTLVHHVLTGCFMLWMLTTIFGKMR*K

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_899648</u>
RefSeq Size:	4201
RefSeq ORF:	1422
Synonyms:	ARA54; HFB30; HRIHFB2038; TRIAD2



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Locus ID: 9604

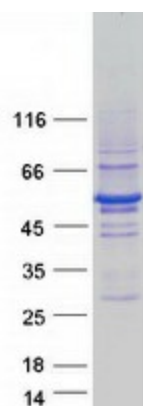
UniProt ID: [Q9UBS8](#)

Cytogenetics: 5q31.3

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]).