

## Product datasheet for PH307642

### RNF168 (NM\_152617) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RNF168 MS Standard C13 and N15-labeled recombinant protein (NP_689830)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207642
Predicted MW:	65 kDa
Protein Sequence:	>RC207642 protein sequence Red=Cloning site Green=Tags(s)

MALPKDAIPSLSECQCGICMEILVEPVTLPCNHTLCKPCFQSTVEKASLCCPFCRRRVSSWTRYHTRRNS  
LVNVELWTIIQKHYPRECKLRASGQSEEVADDYQPVRLLSKPGELRREYEEEISKVAAERRASEEEEEENK  
ASEEYIQRLLAEEEEEEKRQAEKRRRAMEEQLKSDEELARKLSIDINNFCEGSISASPLNSRKSDPVTPK  
SEKSKNKQRNTGDIQKYLTPKSQFGSASHSEAVQEVRKDSVSKIDSSDRKSPTGQDTEIEDMPTLSPQ  
ISLGVGEGADSSIESPMPWLCACGAEWYHEGNVKTSPSNHGKELCVLSHERPKTRVPYSKETAVMPCGR  
TESGCAPTSQVGTQTNGNNTGETENEESCLLISKEISKRKNQESSFEAVKDPCFSAKRRKVSPESSPDQEE  
TEINFTQKLIDLEHLLFERHKQEEQDRLLALQLQKEVDKEQMVPNRQKGPDEYHLRATSSPPDKVLNGQ  
RKNPKDGNFKRQTHTKHPTPERGSRDKNRQVSLKMQLKQSVNRRKMPNSTRDHCKVSKSAHSLQPSISQK  
SVFQMFQRCTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_689830</a></u>
RefSeq Size:	5365
RefSeq ORF:	1713



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**Synonyms:** hRNF168; RIDL

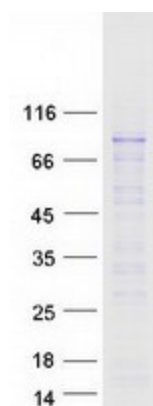
**Locus ID:** 165918

**UniProt ID:** [Q8IYW5](#)

**Cytogenetics:** 3q29

**Summary:** This gene encodes an E3 ubiquitin ligase protein that contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-DNA and protein-protein interactions. The protein is involved in DNA double-strand break (DSB) repair. Mutations in this gene result in Riddle syndrome. [provided by RefSeq, Sep 2011]

### Product images:



Coomassie blue staining of purified RNF168 protein (Cat# [TP307642]). The protein was produced from HEK293T cells transfected with RNF168 cDNA clone (Cat# [RC207642]) using MegaTran 2.0 (Cat# [TT210002]).