

## Product datasheet for **TP307642M**

### RNF168 (NM\_152617) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ring finger protein 168 (RNF168), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC207642 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MALPKDAIPSLSECQCGICMEILVEPVTLP CNHTLCKPCFQSTVEKASLCCPFCRRRVSSWTRYHTRRNS  
LVNVELWTIIQKHYPRECKLRASGQESEEVADDYQPVRLLSKPGELRREYEEEEISKVAAERRASEEEENK  
ASEEYIQRLLAE EEEEEKRQAEKRRRAMEEQ LKSDEELARKLSIDINNFCEGSISASPLNSRKSDPVTPK  
SEKSKNKQRNTGDIQKYLTPKSQFGSASHSEAVQEVKDSVSKDIDSSDRKSPTGQDTEIEDMPTLSPQ  
ISLGVGEQGADSSIESPMPWLCACGAEWYHEGNV KTRPSNHGKELCVLSHERPKTRVPYSKETAVMPCGR  
TESGCAPTS GVTQTNGNNTGETENEESCLLISKEISKRKNQESSFEAVKDPCFSAKRRKVSPESSPDQEE  
TEINFTQKLIDLEHLLFERHKQEEQDRLLALQLQKEVDKEQMVPNRQK GSPDEYHLRATSSPPDKVLNGQ  
RKNPKDGNFKRQTHTKHPTPERGSRDKNRQVSLKMQLKQSVNRRKMPNSTRDHCKVSKSAHSLQPSISQK  
SVFQMFQRCTK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 64.8 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.

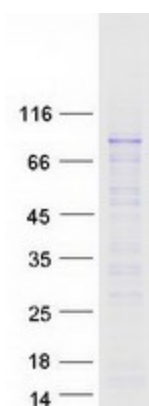
**Storage:** Store at -80°C.



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<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.
<b>RefSeq:</b>	<a href="#">NP_689830</a>
<b>Locus ID:</b>	165918
<b>UniProt ID:</b>	<a href="#">Q8IYW5</a>
<b>RefSeq Size:</b>	5365
<b>Cytogenetics:</b>	3q29
<b>RefSeq ORF:</b>	1713
<b>Synonyms:</b>	hRNF168; RIDL
<b>Summary:</b>	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]).