

# Human RRM2B/P53R2 (His Tag) recombinant protein



Catalog Number: 501484

## General Information

### Gene Name Synonym

TP53-inducible ribonucleotide reductase M2 B;  
p53-inducible ribonucleotide reductase small  
subunit 2-like protein

### Protein Construction

A DNA sequence encoding the human RRM2B  
(Q7LG56-1) (Met 1-Phe 351) was expressed, with  
a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to bind TP53 in a  
functional ELISA.

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from  
date of receipt at -70°C

### Predicted N terminal

Met

## Molecular Mass

The recombinant human RRM2B consisting of 366  
amino acids and has a calculated molecular mass  
of 42.6 kDa. It migrates as a 43 kDa band in SDS-  
PAGE under reducing conditions as predicted.

## Formulation

Lyophilized from sterile PBS, 30% glycerol, pH 8.5  
1. 5 % trehalose and mannitol are added as  
protectants before lyophilization.  
2. Please contact us for any concerns or special  
requirements.

## Usage Guide

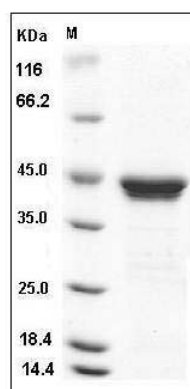
### Storage

Store it under sterile conditions at -20°C to -80°C.  
It is recommended that the protein be aliquoted  
for optimal storage. Avoid repeated freeze-thaw  
cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of  
0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Human RRM2B / P53R2 Protein (His Tag) SDS-  
PAGE