

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

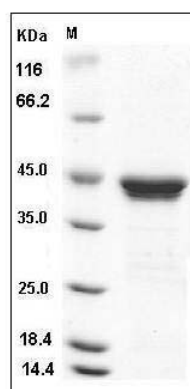
Storage

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