

Recombinant Human RRM1 protein(Met1-Ser792), His&GST-tagged

Cat. No. RRM1-1318H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RRM1 (P23921) (Met1-Ser792) was fused in Insect Cells with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ser792
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 3mM DTT, 10% glycerol Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human RRM1/GST chimera consists of 1029 amino acids and has a calculated molecular mass of 117.9 kDa. The recombinant protein migrates approximately 98 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [RRM1 ribonucleotide reductase M1 \[Homo sapiens \]](#)

Official Symbol [RRM1](#)

Synonyms RRM1; ribonucleotide reductase M1; ribonucleotide reductase M1 polypeptide; ribonucleoside-diphosphate reductase large subunit; ribonucleotide reductase, R1 subunit; ribonucleotide reductase, large subunit; ribonucleoside-diphosphate reductase subunit M1; R1; RR1; RIR1;

Gene ID [6240](#)

mRNA Refseq [NM_001033](#)

Protein Refseq [NP_001024](#)

MIM [180410](#)

UniProt ID [P23921](#)

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