

## Recombinant Human RRM1, His-GST tagged

Cat. No. RRM1-8650H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RRM1 (P23921) (Met1-Ser792), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-792 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 3mM DTT, 10% glycerol. Normally 5% - 8% trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. 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

**Gene ID** [6240](#)

**mRNA Refseq** [NM\\_001033](#)

**Protein Refseq** [NP\\_001024](#)

**MIM** [180410](#)

**UniProt ID** [P23921](#)

**Chromosome Location** 11p15.5

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