

Recombinant Human RRM2 protein, His-SUMO-tagged

Cat. No. RRM2-3451H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RRM2 protein(P31350)(1-389a), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-389a
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.9 kDa
AA Sequence	<p>MLSLRVPLAPITDPQQLQLSPLKGLSLVDKENTPPALSGTRVLASKTARRIFQEPTPEP KTKAAAPGVEDEPLLRENPRRFVIFPIEYHDIWQMYKKAEEASFWTAAEVDLSKDIQH WESLKPEERYFISHVLAFFAASDGVNENLVERFSQEVQITEARCFYGFQIAMENIHS EMYSLIDITYIKDKEREFNFNAIETMPCVKKKADWALRWIGDKEATYGERVVAFAAV EGIFFSGSFASIFWLKGRGLMPGLTFSNELISRDEGLHCDFACLMPFKHLVHKPSEER VREIIINAVRIEQEFLTEALPVKLGIMNCTLMKQYIEFVADRLMLELGFVFRVENPFD FMENISLEGKTNFFEKRVGEYQRMGMVSSPTENSFTLDADF</p>
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name RRM2 ribonucleotide reductase M2 [Homo sapiens]

Official Symbol RRM2

Synonyms RRM2; ribonucleotide reductase M2; ribonucleotide reductase M2 polypeptide; ribonucleoside-diphosphate reductase subunit M2; ribonucleotide reductase small chain; ribonucleotide reductase small subunit; R2; RR2; RR2M;

Gene ID 6241

mRNA Refseq NM_001034

Protein Refseq NP_001025

MIM 180390

UniProt ID P31350

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