

Recombinant Human RRM1, GST-tagged

Cat. No. RRM1-2444H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RRM1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	593-792
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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Gene ID	6240
mRNA Refseq	NM_001033
Protein Refseq	NP_001024
MIM	180410
UniProt ID	P23921
Chromosome Location	11p15.5
Pathway	E2F transcription factor network, organism-specific biosystem; Fluoropyrimidine Activity, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem;
Function	ATP binding; oxidoreductase activity; purine nucleotide binding; ribonucleoside-diphosphate reductase activity; ribonucleoside-diphosphate reductase activity;

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