

Recombinant Human RRM2, GST-tagged

Cat. No. RRM2-2445H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RRM2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-389aa
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	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;

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Gene ID	6241
mRNA Refseq	NM_001034
Protein Refseq	NP_001025
MIM	180390
UniProt ID	P31350
Chromosome Location	2p25-p24
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; E2F mediated regulation of DNA replication, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; Fluoropyrimidine Activity, organism-specific biosystem; G1/S Transition, organism-specific biosystem; G1/S-Specific Transcription, organism-specific biosystem;
Function	oxidoreductase activity; ribonucleoside-diphosphate reductase activity; ribonucleoside-diphosphate reductase activity; transition metal ion binding;

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