

Recombinant Human RRM2B, GST-tagged

Cat. No. RRM2B-2446H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RRM2B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350aa
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	RRM2B ribonucleotide reductase M2 B (TP53 inducible) [Homo sapiens]
Official Symbol	RRM2B
Synonyms	RRM2B; ribonucleotide reductase M2 B (TP53 inducible); ribonucleoside-diphosphate reductase subunit M2 B; p53R2; TP53-inducible ribonucleotide reductase M2 B; p53-inducible ribonucleotide reductase small subunit 2 homolog; p53-inducible ribonucleotide reductase small subunit 2-like protein; p53-inducible ribonucleotide

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reductase small subunit 2 short form beta; P53R2; MTDPS8A; MTDPS8B;
MGC42116; MGC102856; DKFZp686M05248;

Gene ID [50484](#)

mRNA Refseq [NM_001172477](#)

Protein Refseq [NP_001165948](#)

MIM [604712](#)

UniProt ID [Q7LG56](#)

**Chromosome
Location** 8q23.1

Pathway Direct p53 effectors, 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; Nucleotide Metabolism, organism-specific biosystem;

Function oxidoreductase activity; ribonucleoside-diphosphate reductase activity; transition metal ion binding;

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