

Recombinant Human RRM2 Protein

Cat. No. RRM2-69H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RRM2 Protein was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the encoded protein (M2) is regulated in a cell-cycle dependent fashion. Transcription from this gene can initiate from alternative promoters, which results in two isoforms that differ in the lengths of their N-termini. Related pseudogenes have been identified on chromosomes 1 and X.
Form	Liquid. In 20 mM Tris-HCl, 100 mM NaCl, pH 8.0, containing 10% glycerol.
Molecular Mass	~47.0 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMLSLRVPLAPITDPQQLQLSPLKGLSLVDKENTPPA LSGTRVLASKTARRIFQEPTPKTKAAAPGVEDEPLLRENPRRFVIFPIEYHDIWQMY QKAEASFWTAAEEVDLSKDIQHWESLKPEERYFISHVLAFFAASDGIVNENLVERFSQ EVQITEARCFYGFQIAMENIHSEMYSLIDITYIKDPKEREFLFNAIETMPCVKKKADWA LRWIGDKEATYGERVVAFAAVEGIFSGSFASIFWLKKRGLMPGLTFSNELISRDEGL HCDFACLMFKHLVHKPSEERVREIINAVRIEQEFLTEALPVKLIGMNCTLMKQYIEFV ADRLMLELGFSKVFRVENPFDPMENISLEGKTNFFEKRVGEYQRMGVMSSPTENSF TLDADF

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Purity	>90%
Storage	Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.
Concentration	0.1 mg/ml
Official Full Name	Ribonucleotide reductase regulatory subunit M2

GENE INFORMATION

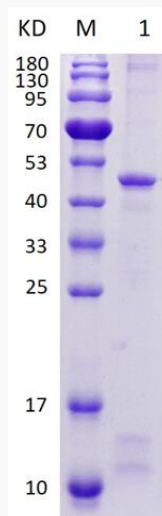
Gene Name	RRM2 ribonucleotide reductase regulatory subunit M2 [Homo sapiens (human)]
Official Symbol	RRM2
Synonyms	R2; RR2; RR2M; C2orf48
Gene ID	6241
mRNA Refseq	NM_001034
Protein Refseq	NP_001025
MIM	180390
UniProt ID	P31350

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SDS-PAGE



15% SDS-PAGE analysis profiles of purified RRM2 (CBB stained).

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