

Recombinant Human RRM1 Protein (1-792 aa), His-tagged

Cat. No. RRM1-1509H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human RRM1 Protein (1-792 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length. |
| Species | Human |
| Source | Yeast |
| ProteinLength | 1-792 aa |
| Description | Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. |
| Form | Tris-based buffer, 50% glycerol |
| Molecular Mass | 92.1 kDa |
| AA Sequence | MHVIKRDGRQERVMFDKITSRIQKLCYGLNMDFVDPAQITMKVIQGLYSGVTTVELD TLAAETAATLTTKHPDYAILAARIAVSNLHKETKKVFSDVMEDLYNYINPHNGKHSPM VAKSTLDIVLANKDRLNSAIIYDRDFSNYFGFKTLERSYLLKINGKVAERPQHMLMR VSVGIIHKEDIDAAIETYNLLSERWFTHASPTLFNAGTNRPQLSSCFLLSMKDDSIIEGIY DTLKQCALISKSAGGIGVAVSCIRATGSYIAGTNGNSNGLVPMLRVYNNTARYVDQG GNKRPGAFAIYLEPWHLDFEFDLKKNKGKEEQRRARDLFFALWIPDLFMKRIVETNQ DWSLMCPNECPGLDEVWGEEFEKLYASYEKQGRVVRKVVKAQQLWYAIIESQTETG TPYMLYKDCSNRKSNNQNLGTIKCSNLCTEIVEYTSKDEVAVCNLASLALNMYVTSE |

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HTYDFKLAEVTKVVVRNLNKIIDINYYPVPEACLSNKRHRPIGIGVQGLADAFILMRY
 PFESAEAQLLNKQIFETIYYGALEASCDLAKEQGPYETYEGSPVSKGILQYDMWNVT
 PTDLWDWKVLKEKIAKYGIRNSLLIAPMPTASTAQILGNNESIEPYTSNIYTRRVLSGE
 FQIVNPHLLKDLTERGLWHEEMKNQIIACNGSIQSIPEIPDDLKQLYKTVWEISQKTVL
 KMAAERGAFIDQSQSLNIHIAEPNYGKLTSMHFYGWKQGLKTGMYYLRTRPAANPIQ
 FTLNKEKLDKEKVSKEEEEEKERNTAAMVCSLENRDECLMCGS

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [RRM1 ribonucleotide reductase M1 \[Homo sapiens \]](#)

Official Symbol [RRM1](#)

Synonyms RRM1; ribonucleotide reductase M1; R1; RR1; RIR1;

Gene ID [6240](#)

mRNA Refseq [NM_001033](#)

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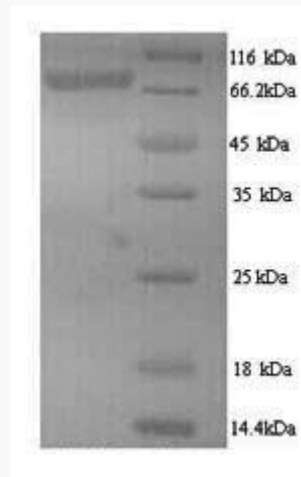
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Protein Refseq NP_001024

MIM 180410

UniProt ID P23921



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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