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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RRM1 (Human) Recombinant Protein (Q02)

Catalog Number: H00006240-Q02

Regulation Status: For research use only (RUO)

Product Description: Human RRM1 partial ORF (NP_001024.1, 593 a.a. - 792 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
IRNSLLIAPMPTASTAQILGNNESIEPYTSNIYTRRVLSG  
EFQIVNPHLLKDLTERGLWHEEMKNQIIACNGSIQSIPE  
IPDDLKQLYKTVWEISQKTVLKMAAERGAFIDQSQSLNI  
HIAEPNYGKLTSMHFYGWKQGLKTGMYYLRTRPAAN  
PIQFTLNKEKLDKEKVSKEEEEEKERNTAAMVCSLENR  
DECLMCGS
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.41

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6240

Gene Symbol: RRM1

Gene Alias: R1, RIR1, RR1

Gene Summary: This gene encodes one of two non-identical subunits that constitute

ribonucleoside-diphosphate reductase, an enzyme essential for the production of deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region. [provided by RefSeq]