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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RBL1 (Human) Recombinant Protein (Q01)

Catalog Number: H00005933-Q01

Regulation Status: For research use only (RUO)

Product Description: Human RBL1 partial ORF (AAH32247, 905 a.a. - 1014 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

IDCDLEDATKTPDCSSGPVKEERGDLIKFYNTIYVGRV
KSFALKYDLANQDHMMDAPPLSPFPHIKQQPGSPRRI
SQQHSIYISPHKNGSGLTPRSALLYKFNGSPSKVR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.73

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: 5933

Gene Symbol: RBL1

Gene Alias: CP107, MGC40006, PRB1, p107

Gene Summary: The protein encoded by this gene is similar in sequence and possibly function to the product of the retinoblastoma 1 (RB1) gene. The RB1 gene product is a tumor suppressor protein that appears to be involved in cell cycle regulation, as it is phosphorylated

in the S to M phase transition and is dephosphorylated in the G1 phase of the cell cycle. Both the RB1 protein and the product of this gene can form a complex with adenovirus E1A protein and SV40 large T-antigen, with the SV40 large T-antigen binding only to the unphosphorylated form of each protein. In addition, both proteins can inhibit the transcription of cell cycle genes containing E2F binding sites in their promoters. Due to the sequence and biochemical similarities with the RB1 protein, it is thought that the protein encoded by this gene may also be a tumor suppressor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]