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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RENT1 (Human) Recombinant Protein (Q01)

Catalog Number: H00005976-Q01

Regulation Status: For research use only (RUO)

Product Description: Human RENT1 partial ORF (NP_002902.2, 1019 a.a. - 1116 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

GRQKNRFGLPGPSQTNLPSQASQDVASQPFSQGAL
TQGYISMSQPSQMSQPGLSQPELSQDSYLGDEFKSQI
DVALSQDSTYQGERAYQHGGVTGLS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.52

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: 5976

Gene Symbol: UPF1

Gene Alias: FLJ43809, FLJ46894, HUPF1, KIAA0221, NORF1, RENT1, pNORF1

Gene Summary: This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with

truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein is located only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping. Use of multiple polyadenylation sites has been noted for this gene. [provided by RefSeq]