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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RCN1 (Human) Recombinant Protein (P01)

Catalog Number: H00005954-P01

Regulation Status: For research use only (RUO)

Product Description: Human RCN1 full-length ORF (AAH10120, 31 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

PTVRKERVVRPDELGERPPEDNQSFQYDHEAFLGK
EDSKTFDQLTPDESKERLGKIVDRIDNDGDGFVTTEEL
KTWIKRVQKRYIFDNVAKVWKDYDRDKDDKISWEEYK
QATYGYLGNPAEFHDSSDHHTFKMLPRDERRFKA
ADLNGDLTATREEFTAFLHPEEFHEMKEIVVLETLEDID
KNGDGFVDQDEYIADMFSHEENGPEPDWVLSEREQF
NEFRDLNKDGLDKDEIRHWILPQDYDHAQAEARHLV
YESDKNKDEKLTKEEILENWNMFVGSQATNYGEDLTK
NHDEL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 58.63

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: 5954

Gene Symbol: RCN1

Gene Alias: FLJ37041, PIG20, RCAL, RCN

Gene Summary: Reticulocalbin 1 is a calcium-binding protein located in the lumen of the ER. The protein contains six conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand. High conservation of amino acid residues outside of these motifs, in comparison to mouse reticulocalbin, is consistent with a possible biochemical function besides that of calcium binding. In human endothelial and prostate cancer cell lines this protein localizes to the plasma membrane]