

## Recombinant Human RCN3 protein, His-tagged

Cat. No. RCN3-3142H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RCN3 protein(71 - 161 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	71 - 161 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	LTPEESQARLGRIVDRMDRAGDGDGWVSLAELRAWIAHTQQRHIRDSVSAAWDTY DTDRDGRVGVWEELRNATYGHYAPGEEFHDVEDAETY
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

## GENE INFORMATION

<b>Gene Name</b>	RCN3 reticulocalbin 3, EF-hand calcium binding domain [ Homo sapiens ]
<b>Official Symbol</b>	RCN3
<b>Synonyms</b>	RCN3; reticulocalbin 3, EF-hand calcium binding domain; reticulocalbin-3; RLP49; reticulocabin; EF-hand calcium-binding protein RLP49;
<b>Gene ID</b>	57333
<b>mRNA Refseq</b>	NM_020650
<b>Protein Refseq</b>	NP_065701
<b>UniProt ID</b>	Q96D15

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