

Recombinant Human RCN3 protein(Met1-His324), His-tagged

Cat. No. RCN3-8592H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human RCN3 protein(Q96D15)(Met1-His324), fused with C-terminal His tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Met1-His324 |
| similar | RCN3 |
| Alias | RCN3; reticulocalbin 3, EF-hand calcium binding domain; reticulocalbin-3; RLP49; reticulocabin; EF-hand calcium-binding protein RLP49; |
| Conjugate | C-His |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Bioactivity | |
| MolecularMass | The recombinant human RCN3 comprises 315 amino acids and has a predicted molecular mass of 36.2 kDa. The apparent molecular mass of the protein is approximately 47 kDa in SDS-PAGE under reducing conditions |

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| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method |
| Purity | > 90 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| GeneName | RCN3 reticulocalbin 3, EF-hand calcium binding domain [Homo sapiens] |
| GeneNameWeblink | 57333 |
| OfficialSymbol | RCN3 |
| OfficialSymbolWeblink | 57333 |
| GeneID | 57333 |
| GeneIDWeblink | 57333 |
| mRNARefseq | NM_020650 |
| mRNARefseqWeblink | NM_020650.2 |
| ProteinRefseqWeblink | NP_065701.2 |
| MIMWeblink | |

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|-------------------------|--|
| UniProtID | Q96D15 |
| UniProtIDWeblink | Q96D15 |
| GENE INFORMATION | |
| Synonyms | RCN3; reticulocalbin 3, EF-hand calcium binding domain; reticulocalbin-3; RLP49; reticulocabin; EF-hand calcium-binding protein RLP49; |
| MIM | |

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