

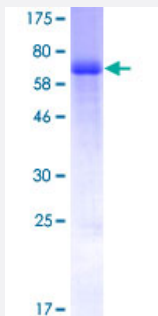
Full-Length

RCN2 (Human) Recombinant Protein (P01)

Catalog # H00005955-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human RCN2 full-length ORF (AAH04892.1, 24 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

KAEELHYPLGERRSDYDREALLGVQEDVDEYVKLGHEEQKRLQAIKKIDLDSDGFLTESELSS
WIQMSFKHYAMQEAKQQFVEYDKNSDDTVTWDEYNIQMYDRVIDFDENTALDDAEESFRKLHL
KDKKRFEBKANQDSGPGLSLEEFIAFEHPPEVDYMTFVIQEALEEHDKNKGDFVSLEEF LGDYR
WDPTANEDPEWILVEKDRFVNDYDKDNDGR LDPQELLPWVVPNNQGIAQEEALHLIDEMDLNGD
KKLSEEEILENPDLFLTSEATDYGRQLHDDYFYHDEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.97

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RCN2

Entrez GeneID	5955
GeneBank Accession#	BC004892
Protein Accession#	AAH04892.1
Gene Name	RCN2
Gene Alias	E6BP, ERC-55, ERC55, TCBP49
Gene Description	reticulocalbin 2, EF-hand calcium binding domain
Omim ID	602584
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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 E F-hand. This gene maps to the same region as type 4 Bardet-Biedl syndrome, suggesting a possible causative role for this gene in the disorder. [provided by RefSeq]
Other Designations	Reticulocalbin 2, EF-hand calcium binding domain (endoplasmic reticulum calcium-binding protein, 55kD)