

Recombinant Human RCN1 Protein (31-331 aa), His-tagged

Cat. No. RCN1-1654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RCN1 Protein (31-331 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	31-331 aa
Description	May regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	37.7 kDa
AA Sequence	PTVRKERVVPRDSELGERPPEDNQSFQYDHEAFLGKEDSKTFDQLTPDESKERLGK IVDRIDNDGDGFVTTEELKTKWIKRVQKRYIFDNVAKVWKDYDRDKDDKISWEEYKQA TYGYLGNPAEFHDSSDHHTFKKMLPRDERRFKAADLNGDLTATREEFTAFLHPEE FEHMKEIVVLETLEDIDKNGDGFVDQDEYIADMFSEENGPEPDWVLSEREQFNEF RDLNKDGKLDKDEIRHWILPQDYDHAQAEARHLVYESDKNKDEKLTKEEILENWNM FVGSQATNYGEDLTKNHDEL
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

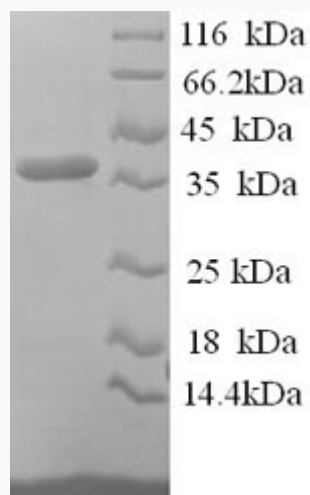
GENE INFORMATION

Gene Name	RCN1 reticulocalbin 1, EF-hand calcium binding domain [Homo sapiens]
Official Symbol	RCN1
Synonyms	RCN1; RCN; reticulocalbin-1; FLJ37041; PIG20; Rcal; RCAL; FLJ55835;
Gene ID	5954
mRNA Refseq	NM_002901
Protein Refseq	NP_002892
MIM	602735
UniProt ID	Q15293

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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