

Recombinant Human RCN2 protein, His-tagged

Cat. No. RCN2-257H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Reticulocalbin-2 is produced by our Mammalian expression system and the target gene encoding Gly23-Leu317 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Gly23-Leu317
Description	Reticulocalbin-2 (RCN2, also named as ERC-55), is a 55-kDa Ca ²⁺ -binding protein containing six EF-hands, which was identified to be localized in endoplasmic reticulum. RCN2 is belonging to Reticulocalbin (RCN) family, the family members could play oncogenic roles in human malignancies and facilitate tumor cell proliferation and metastasis. Recently, studies on RCN2 functions mainly focused on its role in differentiation and endocrine regulation in mouse. Another study has suggested that RCN2 could be a potential tumor-associated antigen for mammary cancer immunological prevention. Up to now, the experimental evidence uncovering the role of RCN2 in cancer is very limited.
Form	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 10% Glycerol, 1mM DTT, pH 8.0.
Molecular Mass	50-55kDa, reducing conditions.

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Endotoxin	Less than 0.1 ng/g (1 EU/g) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.

GENE INFORMATION

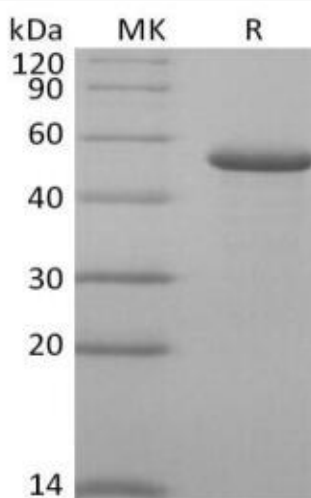
Gene Name	RCN2 reticulocalbin 2 [Homo sapiens (human)]
Official Symbol	RCN2
Synonyms	Reticulocalbin-2; RCN2; E6BP; ERC55
Gene ID	5955
mRNA Refseq	NM_001271837.2
Protein Refseq	NP_001258766.1
MIM	602584
UniProt ID	Q14257

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**SDS-PAGE of RCN2-
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