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Datasheet for ABIN7319244

RCN3 Protein (AA 21-328) (His tag)

Overview

Quantity:	50 µg
Target:	RCN3
Protein Characteristics:	AA 21-328
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RCN3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Reticulocalbin 3/RCN3 Protein (aa 21-328, His Tag)
Sequence:	Lys21-Leu328
Characteristics:	Recombinant Human Reticulocalbin-3 is produced by our Mammalian expression system and the target gene encoding Lys21-Leu328 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	RCN3
Alternative Name:	Reticulocalbin 3/RCN3 (RCN3 Products)
Background:	Background: Reticulocalbin-3 is a member of the CREC family that is involved in the secretory

Target Details

pathway. Members of the CREC family consist of a number of multiple EF-hand domains. Reticulocalbin-3 localizes to the endoplasmic reticulum lumen. The bioinformatic analysis of Reticulocalbin-3 reveal that it is a putative Ca²⁺-binding protein. In addition, it has been shown that autoactivation and secretion of PACE4 was increased upon co-expression with Reticulocalbin-3. The proPACE4-RCN-3 complex is plays an important role in the biosynthesis of PACE4.

Synonym: Reticulocalbin-3, EF-Hand Calcium-Binding Protein RLP49, RCN3

Molecular Weight: 36.2 kDa

UniProt: [Q96D15](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 1 mM DTT, 10 % Glycerol, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.