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Datasheet for ABIN1098701 RCAN3 Protein (His tag)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | RCAN3 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RCAN3 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|---------|----------------------|
| Purity: | > 90 % by SDS - PAGE |
|---------|----------------------|

Target Details

| | |
|-------------------|---|
| Target: | RCAN3 |
| Alternative Name: | RCAN3 (RCAN3 Products) |
| Background: | Calcipressin-3, also known as RCAN3, is a 241 amino acid protein that potentially is involved in central nervous system development. RCAN3 inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Overexpression of calcipressin-3 results in inhibition of calcineurin activity towards the nuclear factor of activated T-cells (NFAT) transcription factors and also downregulates NFAT-dependent cytokine gene expression in activated Jurkat T-cells. Highest expression occurs in heart, skeletal muscle kidney, liver and peripheral blood leukocytes. Recombinant human RCAN3 protein, fused to His-tag at N-terminus, was expressed in E.coli. |

Target Details

Molecular Weight: 23.5 kDa (209aa)

NCBI Accession: [NP_038469](#)

Application Details

Comment: Synonyms: Calcipressin-3, DSCR1L2, hRCN3, MCIP3, RCN3

Restrictions: For Research Use only

Handling

Format: Liquid

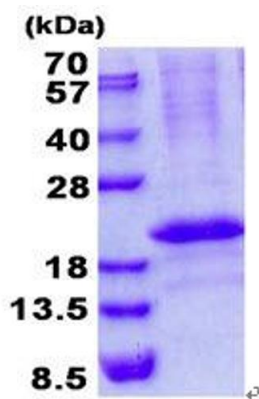
Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 2 M Urea, 20% glycerol, 0.2 M NaCl

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

Images



15% SDS-PAGE (3ug)

Image 1.