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Datasheet for ABIN2712924

COTL1 Protein (Myc-DYKDDDDK Tag)

1 Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 20 µg |
| Target: | COTL1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This COTL1 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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| Characteristics: | <ul style="list-style-type: none">• Recombinant human Coactosin-like protein protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
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| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
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Target Details

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|---------|-------|
| Target: | COTL1 |
|---------|-------|

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| Abstract: | COTL1 Products |
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| Background: | This gene encodes one of the numerous actin-binding proteins which regulate the actin cytoskeleton. This protein binds F-actin, and also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. Although this gene has been reported to map to chromosome 17 in the Smith-Magenis syndrome region, the best alignments for this gene are to chromosome 16. The Smith-Magenis syndrome region is the site of two related |
|-------------|--|

Target Details

pseudogenes.

Molecular Weight: 15.8 kDa

NCBI Accession: [NP_066972](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot