

Datasheet for ABIN667243

Cullin 1 Protein (CUL1) (AA 1-410) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | Cullin 1 (CUL1) |
| Protein Characteristics: | AA 1-410 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Cullin 1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|---------------------------------------|
| Characteristics: | CUL1, 1-410aa, Human, His tag, E.coli |
| Purity: | > 95 % by SDS - PAGE |

Target Details

| | |
|-------------------|---|
| Target: | Cullin 1 (CUL1) |
| Alternative Name: | CUL1 (CUL1 Products) |
| Background: | Cullin1, also known CUL1, is a core component of multiple cullin-RING-based SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complexes, which mediate the ubiquitination of proteins involved in cell cycle progression, signal transduction and transcription. In the SCF complex, it serves as a rigid scaffold that organizes the SKP1-F-box protein and RBX1 subunits. Cullin1 may contribute to catalysis through positioning of the substrate and the ubiquitin- |

Target Details

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| | conjugating enzyme. Recombinant human CUL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Cullin-1, CUL-1, Cullin-1, MGC149834, MGC149835. NCBI no.: NP_003583 |
| Molecular Weight: | 49.4 kDa (430aa) confirmed by MALDI-TOF |
| Pathways: | Cell Division Cycle , Hedgehog Signaling , Mitotic G1-G1/S Phases , Regulation of Cell Size |

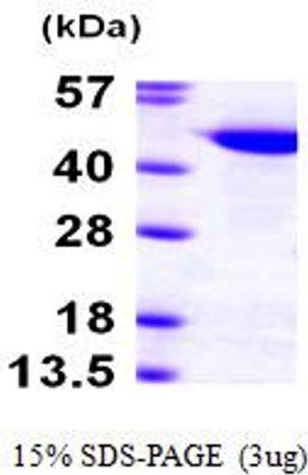
Application Details

| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
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Handling

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|----------------|---|
| Format: | Liquid |
| Concentration: | 1 mg/ml (determined by Bradford assay) |
| Buffer: | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl |
| Storage: | 4 °C |

Images



SDS-PAGE

Image 1.