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Datasheet for ABIN5853277

CAPZA2 Protein (AA 1-286) (His tag)

1 Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | CAPZA2 |
| Protein Characteristics: | AA 1-286 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CAPZA2 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|-----------|--|
| Sequence: | MGSSHHHHHH SSSLVPRGSH MGSMADLEEQ LSDEEKVRIA AKFIIHAPPG EFNEVFNDVR LLLNNDNLLR EGAAHAFAQY NLDQFTPVKI EGYEDQVLIT EHGDLGNGKF LDPKNRICFK FDHLRKEATD PRPCEVENAV ESWRTSVETA LRAYVKEHYP NGVCTVYGKK IDGQQTIAC IESHQFQAKN FWNGRWRSEW KFTITPSTTQ VVGILKIQVH YYEDGNVQLV SHKDIQDSL VSNEVQTAK FIKIVEAAEN EYQTAISENY QTMSDITTFKA LRRQLPVTRT KIDWNKILSY KIGKEMQNA |
|-----------|--|

| | |
|---------|----------------------|
| Purity: | > 85 % by SDS - PAGE |
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Target Details

| | |
|-------------------|--|
| Target: | CAPZA2 |
| Alternative Name: | CAPZA2 (CAPZA2 Products) |

Target Details

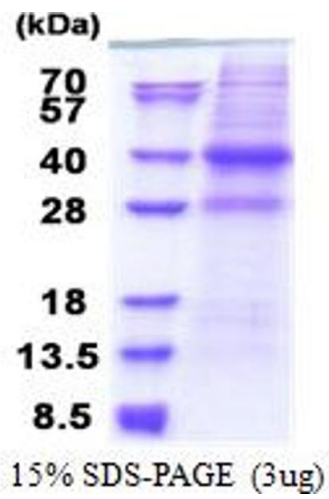
| | |
|-------------------|--|
| Background: | CAPZA2 is a member of the F-actin capping protein alpha subunit family. It is the alpha subunit of the barbed-end actin binding protein Cap Z. By capping the barbed end of actin filaments, Cap Z regulates the growth of the actin filaments at the barbed end. Recombinant human CAPZA2 protein, fused to His-tag at N-terminus, was expressed in E.coli. |
| Molecular Weight: | 35.3 kDa (309aa) |
| NCBI Accession: | NP_006127 |
| UniProt: | P47755 |
| Pathways: | Regulation of Actin Filament Polymerization |

Application Details

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|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Denatured |
| Restrictions: | For Research Use only |

Handling

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|------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol, 0.4M uREA |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |



SDS-PAGE

Image 1.