



Datasheet for ABIN7121659

Smooth Muscle Actin Protein (AA 3-377) (His-IF2DI Tag)



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1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | Smooth Muscle Actin (ACTA2) |
| Protein Characteristics: | AA 3-377 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Smooth Muscle Actin protein is labelled with His-IF2DI Tag. |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|------------|---|
| Purity: | Greater than 95 % as determined by SDS-PAGE |
| Sterility: | 0.2 µm filtered |

Target Details

| | |
|-------------------|---|
| Target: | Smooth Muscle Actin (ACTA2) |
| Alternative Name: | alpha smooth muscle Actin (ACTA2 Products) |
| Background: | A actin, AAT6, ACTA_HUMAN, ACTA2, Actin alpha 2 smooth muscle aorta, Actin aortic smooth muscle, Actin, aortic smooth muscle, ACTSA, ACTVS, Alpha 2 actin, Alpha actin 2, Alpha cardiac actin, alpha sma, Alpha-actin-2, Cell growth inhibiting gene 46 protein |
| Molecular Weight: | 62.4 kDa |

Target Details

UniProt: [P62736](#)

Pathways: [Myometrial Relaxation and Contraction, Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 µg/mL in sterile distilled water by gentle pipetting 2-3 times, don't vortex

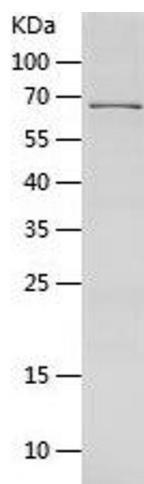
Buffer: Lyophilized from a 0.2 µm filtered solution in 10 mM Hepes, 500 mM NaCl with 5 % trehalose, pH 7.4

Storage: 4 °C, -20 °C

Storage Comment: -20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution

Expiry Date: 12 months

Images



Western Blotting

Image 1.