



[Go to Product page](#)

Datasheet for ABIN7404983

Smooth Muscle Actin Protein (AA 167-377) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | Smooth Muscle Actin (ACTA2) |
| Protein Characteristics: | AA 167-377 |
| Origin: | Human, Mouse, Rat |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Smooth Muscle Actin protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC) |

Product Details

| | |
|------------------|---|
| Sequence: | Ile167-Phe377 |
| Characteristics: | Recombinant Actin Alpha 2, Smooth Muscle (ACTa2), Prokaryotic expression, Ile167-Phe377, N-terminal His Tag |
| Purity: | > 90 % |

Target Details

| | |
|-------------------|---|
| Target: | Smooth Muscle Actin (ACTA2) |
| Alternative Name: | Actin Alpha 2, Smooth Muscle (ACTA2 Products) |
| Background: | ACT-A2, ACTSA, ACTVS, Asma, GIG46, Cell growth-inhibiting gene 46 protein |
| Molecular Weight: | 27kDa |

Target Details

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

Application Details

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

Comment: Isoelectric Point:6.2

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months