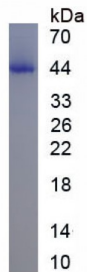
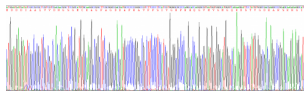


Actin, Alpha Skeletal Muscle (ACTA1) Protein

Catalogue No.: abx652372



SDS-PAGE analysis of recombinant Rat ACTA1 Protein.



Gene sequencing extract of recombinant Rat ACTA1 Protein.

Actin Alpha 1, Skeletal Muscle (ACTA1) Protein is a Recombinant Human, Mouse, Rat protein expressed in E. coli.

Target: Actin, Alpha Skeletal Muscle (ACTA1)

Origin: Human, Mouse, Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90%

Reconstitution: Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P68133 ([UniProt](#), [ExPASy](#)) P68134 ([UniProt](#), [ExPASy](#)) P68136 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0
Revision date: 28 May 2024



Gene Symbol: ACTA1

GeneID: [58](#) [11459](#) [29437](#)

OMIM: [102610](#)

KEGG: hsa:58, mmu:11459, rno:29437

String: [9606.ENSP00000355645](#) [10090.ENSMUSP00000034453](#) [10116.ENSARNOP00000024084](#)

Molecular Weight: Calculated MW: 43.3 kDa
Observed MW (SDS-PAGE): 44 kDa

Sequence Fragment: Met1-Phe377

Sequence: MCDEDETTAL VCDNGSGLVK AGFAGDDAPR AVFPSIVGRP RHQGVVMVGMG QKDSYVGDEA
QSKRGILTL
K YPIEHGIITN WDDMEKIWHH TFYNELRVAP EEHPTLLTEA PLNPKANREK MTQIMFETFN
VPAMYVA
IQA VLSLYASGRT TGIVLDSGDG VTHNVPIYEG YALPHAIMRL DLAGRDLTDY LMKILTERGY SFVTT
AEREI VRDIKEKLCY VALDFENEMA TAASSSSLEK SYELPDGQVI TIGNERFRCP ETLFQPSFIG MES
AGIHETT YNSIMKCDID IRKDLYANNV MSGGTTMYPG IADRMQKEIT ALAPSTMKIK IIPPERKYS V
WIGGSILAS LSTFQQMWIT KQEYDEAGPS IVHRKCF

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: This product is for research use only.
Not for human consumption, cosmetic, therapeutic or diagnostic use.