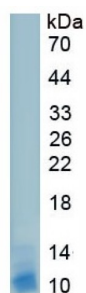


Mouse S100A1 Calcium Binding Protein (S100A1) Protein

Catalogue No.: abx068945



SDS-PAGE analysis of recombinant Mouse S100 Protein.

Mouse S100A1 is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Protein S100-A1 (S100A1)

Research Area: Tumour Immunity

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 97%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 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: P56565 ([UniProt](#), [ExPASy](#))

Gene Symbol: S100A1

Datasheet

Version: 5.0.0
Revision date: 06 Jun 2025



GeneID: [20193](#)

KEGG: mmu:20193

String: [10090.ENSMUSP00000058237](#)

Molecular Weight: Calculated MW: 11.6 kDa
Observed MW (SDS-PAGE): 10, 12, 14 kDa

Sequence Fragment: Gly2-Ser94

Sequence: GSELESAME TLINVFHAHS GQEGDKYKLS KKELKDLLQT ELSGFLDVQK DADAVDKVMK
ELDENG DGEV DFKEYVVLVA ALTVACNNFF WETS

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: 1500 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only