

S100A1B recombinant protein

S100A1B Protein (Active)

CATALOG # AAA59089	HOST E. coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

S100A1B; S100A1B Protein (Active); S100A1B recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid; Contains Tris-HCl (pH7.4 ± 0.2) with 0.1% NaN ₃ .
Concentration	1 mg/ml (varies by lot)
Applicable Applications for S100A1B recombinant protein	SDS-PAGE, ELISA
Preparation and Storage	Ships on blue ice. Upon receipt, aliquot and store at -20°C or -80°C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for S100A1B recombinant protein	Description: Recombinant full length human S100A1B protein with molecular weight 22 kDa. Background: S100 proteins, such as S100A1 (S100 calcium-binding protein A1), are small, acidic Ca(2+)-binding proteins that transduce Ca(2+) signals via interaction with intracellular target proteins. The protein encoded by this gene is a member of the S100 family of proteins containing 4 EF-hand calcium-binding motifs in its dimerized form. S100A1 is preferentially expressed in myocardial tissue and has been found to colocalize with the sarcoplasmic reticulum (SR) and the contractile filaments in cardiac tissue. Its overexpression enhances cardiac contractile performance and establish the concept of S100A1 as a regulator of myocardial contractility. S100A1 thus improves cardiac contractile performance bothby regulating SR Ca(2+) handling and myofibrillar Ca(2+) responsiveness.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/s100a1b-recombinant-protein-e-coli-sds-page-elisa/59089>