

Datasheet for ABIN935775 **S100A1 Protein**



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Overview

Quantity:	100 µg
Target:	S100A1
Origin:	Cow
Source:	Cow
Protein Type:	Native

Product Details

Characteristics:	Purified native Bovine S100 protein Protein Source: Bovine brain tissue
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Purity:	> 95 % pure
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Target Details

Target:	S100A1
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Alternative Name:	S100 (S100A1 Products)
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Background: S-100 protein is a family of low molecular weight protein found in vertebrates characterized by two calcium binding sites of the helix-loop-helix conformation. There are at least 21 different types of S100 proteins. which are involved in regulation of protein phosphorylation, transcription factors, Ca⁺⁺ homeostasis, the dynamics of cytoskeleton constituents, enzyme activities, cell growth and differentiation, and the inflammatory response.

Description: Bovine brain tissue.

Alternative Names: S-100, S100, S-100 Protein, S-100 BB Protein, S 100, S-100 protein, S 100 protein

Target Details

Pathways: [Regulation of Muscle Cell Differentiation, Toll-Like Receptors Cascades, S100 Proteins](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with 5 mM 2-mercaptoethanol.

Buffer: Lyophilised from 5 mM Tris-HCl, pH 7.5 with 5 mM 2-mercaptoethanol and 5 mM EDTA.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.