

## Datasheet for ABIN935790 **S100A1 Protein**



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### Overview

Quantity:	10 µg
Target:	S100A1
Origin:	Cow
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Characteristics:	Purified Recombinant S100 protein (Bovine) Expression System: E.coli
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### Target Details

Target:	S100A1
Alternative Name:	S100 ( <a href="#">S100A1 Products</a> )
Background:	<p>S100 calcium binding protein B or S100B is a protein of the S-100 protein family. S100 proteins are localized in the cytoplasm and nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21, however, this gene is located at 21q22.3.</p> <p>Alternative Names: SB-100 protein, SB 100, SB 100 protein, S-100 BB Protein, S-100 Protein, S100B, SB-100</p>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">S100 Proteins</a>

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from 10 mM TRIS-HCl, with 0 mM EGTA.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -80 °C for long term storage.