

Datasheet for ABIN7317715 **S100A6 Protein**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	S100A6
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human S100A6 Protein
Sequence:	Met 1-Gly 90
Characteristics:	A DNA sequence encoding the human S100A6 (NP_055439.1) (Met 1-Gly 90) was expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	S100A6
Alternative Name:	S100A6 (S100A6 Products)
Background:	<p>Background: S100 protein is a family of low molecular weight protein found in vertebrates characterized by two EF-hand calcium-binding motifs. There are at least 21 different S100 proteins; and the name is derived from the fact that the protein is 100% soluble in ammonium sulfate at neutral pH. Most S100 proteins are disulfide-linked homodimer; and is normally present in cells derived from the neural crest; chondrocytes; macrophages; dendritic cells; etc.</p> <p>S100 proteins have been implicated in a variety of intracellular and extracellular functions. They</p>

Target Details

are involved in regulation of protein phosphorylation; transcription factors; the dynamics of cytoskeleton constituents; enzyme activities; cell growth and differentiation; and the inflammatory response. S100A6 (S100 calcium binding protein A6) is a member of the S100 family of proteins; and functions in prolactin secretion; and exocytosis. Chromosomal rearrangements and altered expression of S100A6 have been implicated in melanoma. Synonym: S100A6;Protein S100-A6;Calcyclin;Growth factor-inducible protein 2A9;MLN 4;Prolactin receptor-associated protein;PRA;S100 calcium-binding protein A6;CACY;2A9;5B10;CABP;PRA

NCBI Accession: [NP_055439](#)

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.