

Datasheet for ABIN7491357

s100a4 Protein (AA 2-101) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	s100a4 (S100A4)
Protein Characteristics:	AA 2-101
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This s100a4 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human S100A4 Protein with C-terminal human Fc tag
Specificity:	S100A4 (Ala2-Lys101) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	s100a4 (S100A4)
Alternative Name:	S100A4 (S100A4 Products)
Background:	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-

Target Details

hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or 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. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 37.7 kDa after removal of the signal peptide. The apparent molecular mass of S100A4-hFc is 35-55 kDa due to glycosylation.

UniProt: [P26447](#)

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human S100A4 Protein, hFc Tag on SDS-PAGE under reducing condition.