

## **PRODUCT INFORMATION**

S100A4 **Target** 

**Synonyms** 18A2;42A;CAPL;FSP1;MTS1;P9KA;PEL98

Recombinant Human S100A4 Protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** P26447 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Molecular Weight** 

Storage & Shipping

S100A4(Ala2-Lys101) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

37.7 kDa after removal of the signal peptide. The apparent molecular mass of S100A4-hFc is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

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.

The protein encoded by this gene is a member of the \$100 family of proteins containing 2 EF-hand calcium-binding motifs. \$100 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. \$100 genes include at least 13 members which are located as include at least 13 members which are located as

**Background** 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]

Usage Research use only Conjugate Unconjugated

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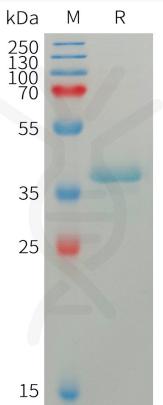


Figure 1. Human S100A4 Protein, hFc Tag on SDS-PAGE under reducing condition.



