

# Recombinant Human S100A4 protein, His-tagged, Biotinylated

**Cat. No.** S100A4-6215H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |                                                                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Human S100A4 protein(NP_002952.1) (Met1-Lys101) was expressed in E.coli with a polyhistide tag at the C-terminus.                                                                                                      |
| <b>Species</b>           | Human                                                                                                                                                                                                                                           |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>     | 1-101 aa                                                                                                                                                                                                                                        |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                                          |
| <b>Form</b>              | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                           |
| <b>Molecular Mass</b>    | The recombinant human S100A4 consists of 107 amino acids and predicts a molecular mass of 12.55 KDa. It migrates as an approximately 14 KDa band in SDS-PAGE under reducing conditions.                                                         |
| <b>Endotoxin</b>         | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>            | ≥ 95 % as determined by SDS-PAGE.                                                                                                                                                                                                               |
| <b>Storage</b>           | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [S100A4 S100 calcium binding protein A4 \[ Homo sapiens \]](#)

**Official Symbol** [S100A4](#)

**Synonyms**

S100A4; S100 calcium binding protein A4; CAPL, MTS1, S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog) , S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog); protein S100-A4; 18A2; 42A; fibroblast specific protein 1; FSP1; P9KA; PEL98; protein Mts1; fibroblast-specific protein-1; placental calcium-binding protein; malignant transformation suppression 1; leukemia multidrug resistance associated protein; S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog); CAPL; MTS1;

**Gene ID** [6275](#)

**mRNA Refseq** [NM\\_002961](#)

**Protein Refseq** [NP\\_002952](#)

**MIM** [114210](#)

**UniProt ID** [P26447](#)

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