

Active Recombinant Human S100A1 protein

Cat. No. S100A1-3099H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human S100A1 protein(NP_006262.1) (Met 1-Ser 94) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-94 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized recombinant human Fc-S100B at 10 µg/mL (100 µl/well) can bind biotinylated human S100A1 with a linear range of 15.6-250 ng/mL. 2. Measured by its ability to bind human His-S100B in functional ELISA.
Molecular Mass	The recombinant human S100A1 consists of 94 amino acids and has a predicted molecular mass of 10.5 kDa.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 S100A1 S100 calcium binding protein A1 [Homo sapiens]

Official Symbol S100A1

Synonyms S100A1; S100 calcium binding protein A1; S100 calcium binding protein A1 , S100A; protein S100-A1; S100 alpha; S-100 protein alpha chain; S-100 protein subunit alpha; S100 calcium-binding protein A1; S100 protein, alpha polypeptide; S100; S100A; S100-alpha;

Gene ID 6271

mRNA Refseq NM_006271

Protein Refseq NP_006262

MIM 176940

UniProt ID P23297

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