

# Recombinant Human S100P protein

**Cat. No.** S100P-3983H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human S100P protein(P25815) (Met 1-Lys 95) was expressed and purified in E.coli.                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-95 aa                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.5.                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | The recombinant human S100P consisting of 95 amino acids and has a calculated molecular mass of 10.4 kDa.                                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 97 % by SDS-PAGE and HPLC analyses.                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70°C as supplied. - 1 month, 2 to 8°C under sterile conditions after reconstitution. - 3 months, -20 to -70°C under sterile conditions after reconstitution.                                                                  |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be |

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made in appropriate buffered solutions.

## GENE INFORMATION

|                 |                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | S100P S100 calcium binding protein P [ Homo sapiens ]                                                                                   |
| Official Symbol | S100P                                                                                                                                   |
| Synonyms        | S100P; S100 calcium binding protein P; protein S100-P; protein S100-E; migration-inducing gene 9; S100 calcium-binding protein P; MIG9; |
| Gene ID         | 6286                                                                                                                                    |
| mRNA Refseq     | NM_005980                                                                                                                               |
| Protein Refseq  | NP_005971                                                                                                                               |
| MIM             | 600614                                                                                                                                  |
| UniProt ID      | P25815                                                                                                                                  |

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