

Recombinant Human S100A3 protein(Met1-Gln101), His&MBP-tagged

Cat. No. S100A3-7013H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human S100A3 (P33764) (Met 1-Gln 101) was expressed in E. coli, fused with an N-terminal polyhistidine-tagged MBP tag at the N-terminus. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Met1-Gln101 |
| Form | Lyophilized from sterile PBS, 20% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant human S100A3/MBP fusion protein consists of 498 amino acids and has a calculated molecular mass of 55.3 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions. |
| Purity | > 95 % as determined by SDS-PAGE |
| Storage | 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. |
| 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. |

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GENE INFORMATION

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|-----------------|--|
| Gene Name | S100A3 S100 calcium binding protein A3 [Homo sapiens] |
| Official Symbol | S100A3 |
| Synonyms | S100A3; S100 calcium binding protein A3; S100 calcium binding protein A3 , S100E; protein S100-A3; S100 calcium-binding protein A3; S100E; |
| Gene ID | 6274 |
| mRNA Refseq | NM_002960 |
| Protein Refseq | NP_002951 |
| MIM | 176992 |
| UniProt ID | P33764 |

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