


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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Gln101
<b>Form</b>	Lyophilized from sterile PBS, 20% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<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.
<b>Reconstitution</b>	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

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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