

## Recombinant Human S100A6 protein, His-tagged

**Cat. No.** S100A6-2212H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human S100A6 protein(NP_055439.1)(Met1-Gly90), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Gly90
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 1mM TCEP, pH 8.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human S100A6 consisting of 101 amino acids and migrates as an approximately 12 kDa band in SDS-PAGE under reducing conditions as predicted.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 96 % 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

<b>Gene Name</b>	S100A6 S100 calcium binding protein A6 [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	S100A6
<b>Synonyms</b>	S100A6; S100 calcium binding protein A6; CACY, S100 calcium binding protein A6 (calcyclin) , S100 calcium binding protein A6 (calcyclin); protein S100-A6; 2A9; CABP; PRA; MLN 4; calcyclin; growth factor-inducible protein 2A9; prolactin receptor-associated protein; S100 calcium-binding protein A6 (calcyclin); 5B10; CACY;
<b>Gene ID</b>	6277
<b>mRNA Refseq</b>	NM_014624
<b>Protein Refseq</b>	NP_055439
<b>MIM</b>	114110
<b>UniProt ID</b>	P06703

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