

## Recombinant Human S100A1 protein, His-SUMO-tagged

Cat. No. S100A1-3457H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human S100A1 protein(P23297)(2-94aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-94aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	26.4 kDa
<b>AA Sequence</b>	GSELETAMETLINVFHAHSGKEGDKYKLSKKELKELLQTELSGFLDAQKDVAVDKV MKELDENG DGEVDFQEYVVLVAALTVACNNFFWENS
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## 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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