

Recombinant Human S100A1 protein, His-SUMO-tagged

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

SPECIFICATION

Product Overview	Recombinant Human S100A1 protein(P23297)(2-94aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-94aa
Form	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.
Molecular Mass	26.4 kDa
AA Sequence	GSELETAMETLINVFHAHSGKEGDKYKLSKKELKELLQTELSGFLDAQKDVAVDKV MKELDENG DGEVDFQEYVVLVAALT VACNNFFWENS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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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