# Recombinant Human S100A1, GST-tagged

**Cat. No.** S100A1-2480H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human S100A1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-94aa |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

## GENE INFORMATION

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| **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; |

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| **Gene ID** | 6271 |
| **mRNA Refseq** | NM_006271 |
| **Protein Refseq** | NP_006262 |
| **MIM** | 176940 |
| **UniProt ID** | P23297 |
| **Chromosome Location** | 1q21 |
| **Function** | ATPase binding; S100 alpha binding; S100 beta binding; calcium ion binding; identical protein binding; protein binding; protein homodimerization activity; |

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