

## Recombinant Full Length Human S100B, GST-tagged

Cat. No. S100B-2493H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human S100B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-92aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	S100B S100 calcium binding protein B [ Homo sapiens ]
<b>Official Symbol</b>	S100B
<b>Synonyms</b>	S100B; S100 calcium binding protein B; S100 calcium binding protein, beta (neural); protein S100-B; S100beta; S-100 protein subunit beta; S-100 calcium-binding protein, beta chain; S100 calcium-binding protein, beta (neural); NEF; S100; S100-B;

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<b>Gene ID</b>	6285
<b>mRNA Refseq</b>	NM_006272
<b>Protein Refseq</b>	NP_006263
<b>MIM</b>	176990
<b>UniProt ID</b>	P04271
<b>Chromosome Location</b>	21q22.3
<b>Pathway</b>	Activated TLR4 signalling, organism-specific biosystem; Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Cytosolic sensors of pathogen-associated DNA, organism-specific biosystem; DAI mediated induction of type I IFNs, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88 cascade initiated on plasma membrane, organism-specific biosystem;
<b>Function</b>	RAGE receptor binding; S100 beta binding; calcium ion binding; calcium-dependent protein binding; identical protein binding; protein binding; protein homodimerization activity; protein homodimerization activity; tau protein binding; zinc ion binding;

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