

## Recombinant Human S100A8, GST-tagged

**Cat. No.** S100A8-2492H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human S100A8 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>    | 1-93aa                                                                                                                                                            |
| <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>       | S100A8 S100 calcium binding protein A8 [ Homo sapiens ]                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | S100A8                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | S100A8; S100 calcium binding protein A8; CAGA, CFAG, S100 calcium binding protein A8 (calgranulin A) , S100 calcium binding protein A8 (calgranulin A); protein S100-A8; 60B8AG; CGLA; MRP8; P8; MRP-8; calgranulin A; calgranulin-A; cystic fibrosis antigen; calprotectin L1L subunit; urinary stone protein band A; leukocyte L1 |

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|                            |                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | complex light chain; migration inhibitory factor-related protein 8; S100 calcium-binding protein A8 (calgranulin A); MIF; NIF; CAGA; CFAG; L1Ag; CP-10; MA387; |
| <b>Gene ID</b>             | <a href="#">6279</a>                                                                                                                                           |
| <b>mRNA Refseq</b>         | <a href="#">NM_002964</a>                                                                                                                                      |
| <b>Protein Refseq</b>      | <a href="#">NP_002955</a>                                                                                                                                      |
| <b>MIM</b>                 | <a href="#">123885</a>                                                                                                                                         |
| <b>UniProt ID</b>          | <a href="#">P05109</a>                                                                                                                                         |
| <b>Chromosome Location</b> | 1q12-q22                                                                                                                                                       |
| <b>Function</b>            | calcium ion binding; protein binding;                                                                                                                          |