

## Recombinant Mouse S100a8 Protein (Met1-Glu93), C-His tagged

**Cat. No.** S100a8-5741M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant mouse S100A8 (Met1-Glu93) fused with the C-terminal His tag was expressed in E. coli.                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Met1-Glu93                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 10.23 kDa                                                                                                                                                                               |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                        |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | Supplied as solution form in PBS or lyophilized from PBS.                                                                                                                               |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |

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**Shipping** They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

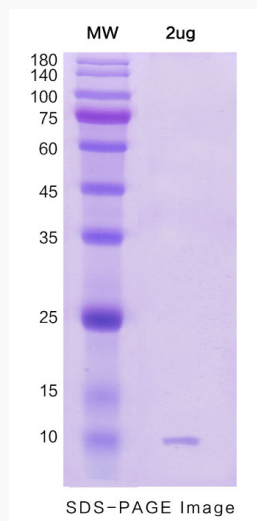
|                        |                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | S100a8 S100 calcium binding protein A8 (calgranulin A) [ Mus musculus (house mouse) ]                                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | S100a8                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | S100A8; S100 calcium binding protein A8 (calgranulin A); protein S100-A8; MRP-8; calgranulin-A; chemotactic S100 protein; chemotactic cytokine CP-10; pro-inflammatory S100 cytokine; S100 calcium-binding protein A8; leukocyte L1 complex light chain; migration inhibitory factor-related protein 8; p8; B8Ag; CFAG; Caga; MRP8; CP-10; 60B8Ag; AI323541; |
| <b>Gene ID</b>         | 20201                                                                                                                                                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_013650                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_038678                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | P27005                                                                                                                                                                                                                                                                                                                                                       |

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## SDS-PAGE



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