

## Recombinant Mouse Sgsh Protein, Myc/DDK-tagged

**Cat. No.** Sgsh-5829M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length N-sulfoglucosamine sulfohydrolase (sulfamidase) (Sgsh), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                             |
| <b>Description</b>      | Broad expression in adrenal adult (RPKM 23.1), lung adult (RPKM 17.3) and 21 other tissues.                                                                        |
| <b>Molecular Mass</b>   | 56.7 kDa                                                                                                                                                           |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                        |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                      |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                     |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                   |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                              |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Sgsh N-sulfoglucosamine sulfohydrolase (sulfamidase) [ Mus musculus (house mouse) ]                                   |
| <b>Official Symbol</b> | <a href="#">Sgsh</a>                                                                                                  |
| <b>Synonyms</b>        | SGSH; N-sulfoglucosamine sulfohydrolase (sulfamidase); N-sulfoglucosamine sulfohydrolase; sulphamidase; 4632406A19Rik |
| <b>Gene ID</b>         | <a href="#">27029</a>                                                                                                 |
| <b>mRNA Refseq</b>     | <a href="#">NM_018822</a>                                                                                             |
| <b>Protein Refseq</b>  | <a href="#">NP_061292</a>                                                                                             |
| <b>UniProt ID</b>      | <a href="#">Q3URR4</a>                                                                                                |

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