

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

**Cat. No.** Gns-3267M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length glucosamine (N-acetyl)-6-sulfatase (Gns), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                               |
| <b>Description</b>      | Hydrolysis of the 6-sulfate groups of the N-acetyl-D-glucosamine 6-sulfate units of heparan sulfate and keratan sulfate.                             |
| <b>Molecular Mass</b>   | 61.6 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

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Gns glucosamine (N-acetyl)-6-sulfatase [ Mus musculus (house mouse) ]                                                                           |
| <b>Official Symbol</b> | Gns                                                                                                                                             |
| <b>Synonyms</b>        | GNS; glucosamine (N-acetyl)-6-sulfatase; N-acetylglucosamine-6-sulfatase; glucosamine-6-sulfatase; G6S; C87209; N28088; AU042285; 2610016K11Rik |
| <b>Gene ID</b>         | 75612                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_029364                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_083640                                                                                                                                       |
| <b>UniProt ID</b>      | Q8BFR4                                                                                                                                          |

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