

## Recombinant Mouse Neu1 protein, His-tagged

**Cat. No.** Neu1-5480M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Neu1 protein(O35657)(42-409aa), fused to N-terminal His tag, was expressed in Yeast.                                                                                                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 42-409aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                            |
| <b>Molecular Mass</b>   | 42.3                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Neu1 neuraminidase 1 [ Mus musculus ]                                                                                                                                                                                 |
| <b>Official Symbol</b> | Neu1                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | NEU1; neuraminidase 1; sialidase-1; sialidase 1; G9 sialidase; lysosomal sialidase; HLA-B-associated transcript 7; N-acetyl-alpha-neuraminidase 1; G9; Apl; Neu; Aglp; Bat7; Bat-7; Map-2; Neu-1; AA407268; AA407316; |
| <b>Gene ID</b>         | 18010                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_010893                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_035023                                                                                                                                                                                                             |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                                                       |

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