

## Recombinant Mouse Asah2, His tagged

**Cat. No.** Asah2-251M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Asah2 precursor Lumenal domain (Thr 34-Thr 756) (NP_061300.1), fused with a N-terminal polyhistidine tag, was produced in Human Cell.                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 34-756 a.a.                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | The secreted recombinant mouse ASAH2 consists of 739 amino acids and has a calculated molecular mass of 82 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 105-115 kDa protein in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                               |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                     |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution.                                                                                                                                                                        |

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Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| Gene Name       | Asah2 N-acylsphingosine amidohydrolase 2 [ Mus musculus ] |
| Official Symbol | Asah2                                                     |
| Gene ID         | 54447                                                     |
| mRNA Refseq     | NM_018830                                                 |
| Protein Refseq  | NP_061300                                                 |

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