

## Recombinant Mouse Acer1 Protein, Myc/DDK-tagged

**Cat. No.** Acer1-1494M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length alkaline ceramidase 1 (Acer1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.     |
| <b>Species</b>          | Mouse                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                        |
| <b>Description</b>      | Biased expression in colon adult (RPKM 37.7), stomach adult (RPKM 17.2) and 3 other tissues                                                   |
| <b>Molecular Mass</b>   | 32.5 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>       | <a href="#">Acer1 alkaline ceramidase 1 [ Mus musculus (house mouse) ]</a>                                                                                                           |
| <b>Official Symbol</b> | <a href="#">Acer1</a>                                                                                                                                                                |
| <b>Synonyms</b>        | ACER1; alkaline ceramidase 1; maCER1; alkCDase 1; alkaline cdase 1; acylsphingosine deacylase 3; N-acylsphingosine amidohydrolase 3; Cer1; Asah3; AI662009; Alkcdase1; 2310024P18Rik |
| <b>Gene ID</b>         | <a href="#">171168</a>                                                                                                                                                               |
| <b>mRNA Refseq</b>     | <a href="#">NM_175731</a>                                                                                                                                                            |
| <b>Protein Refseq</b>  | <a href="#">NP_783858</a>                                                                                                                                                            |
| <b>UniProt ID</b>      | <a href="#">Q8R4X1</a>                                                                                                                                                               |

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