

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

Cat. No. Srr-6135M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length serine racemase (Srr), with C-terminal MYC/DDK tag, expressed in HEK293T cells.   |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine. |
| <b>Molecular Mass</b>   | 36.4 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>       | Srr serine racemase [ Mus musculus (house mouse) ]  |
| <b>Official Symbol</b> | Srr   |
| <b>Synonyms</b>        | SRR; serine racemase; D-serine dehydratase; L-serine dehydratase; D-serine ammonia-lyase; L-serine ammonia-lyase; Srs |
| <b>Gene ID</b>         | 27364   |
| <b>mRNA Refseq</b>     | NM_013761   |
| <b>Protein Refseq</b>  | NP_038789   |
| <b>UniProt ID</b>      | Q9QZX7  |

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