

## Recombinant Rat Asl, His-tagged

**Cat. No.** Asl-3628R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Argininosuccinate lyase (Asl)                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 461                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                             |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                         |
| <b>Notes</b>            | Small volumes of Asl recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                   |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                     |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                  |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Asl argininosuccinate lyase [ Rattus norvegicus ]                                                                                                                                                                                                               |
| <b>Official Symbol</b> | Asl                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | ASL; argininosuccinate lyase; ASAL; arginosuccinase;                                                                                                                                                                                                            |
| <b>Gene ID</b>         | 59085                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_021577                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_067588                                                                                                                                                                                                                                                       |
| <b>Pathway</b>         | Alanine and aspartate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Arginine and proline metabolism, organism-specific b |
| <b>Function</b>        | argininosuccinate lyase activity; argininosuccinate lyase activity; argininosuccinate lyase activity; catalytic activity; lyase activity;                                                                                                                       |

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