

## Recombinant Mouse Adsl, His-tagged

**Cat. No.** Adsl-3187M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Adenylosuccinate lyase (Adsl)                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 484                                                                                                                                                                                                                                                                                                           |
| <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 Adsl 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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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Adsl adenylosuccinate lyase [ Mus musculus ]</a>                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | <a href="#">Adsl</a>                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | ADSL; adenylosuccinate lyase; ASL; ASase; adenylosuccinase; adenylosuccinate lyase 1;                                                                                                                                                                                                  |
| <b>Gene ID</b>         | <a href="#">11564</a>                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | <a href="#">NM_009634</a>                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | <a href="#">NP_033764</a>                                                                                                                                                                                                                                                              |
| <b>Pathway</b>         | Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Inosine monophosphate biosynthesis, PRPP + glutamine =>IMP, organism-specific biosystem; Inosine monophosphate bio                         |
| <b>Function</b>        | (S)-2-(5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamido)succinate AMP-lyase (fumarate-forming) activity; N6-(1,2-dicarboxyethyl)AMP AMP-lyase (fumarate-forming) activity; N6-(1,2-dicarboxyethyl)AMP AMP-lyase (fumarate-forming) activity; catalytic activity; lyase activity; |

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