

## Recombinant Mouse Idua, His-tagged

**Cat. No.** Idua-3369M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Alpha-L-iduronidase (Idua)  |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | E.Coli/Yeast  |
| <b>ProteinLength</b>    | 634   |
| <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 Idua 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>       | Idua iduronidase, alpha-L- [ Mus musculus ]   |
| <b>Official Symbol</b> | Idua  |
| <b>Synonyms</b>        | IDUA; iduronidase, alpha-L-; alpha-L-iduronidase; 6030426D08;   |
| <b>Gene ID</b>         | <a href="#">15932</a>   |
| <b>mRNA Refseq</b>     | <a href="#">NM_008325</a>   |
| <b>Protein Refseq</b>  | <a href="#">NP_032351</a>   |
| <b>Pathway</b>         | Dermatan sulfate degradation, organism-specific biosystem; Dermatan sulfate degradation, conserved biosystem; Glycosaminoglycan degradation, organism-specific biosystem; Glycosaminoglycan degradation, conserved biosystem; Heparan sulfate degradation, orga |
| <b>Function</b>        | L-iduronidase activity; catalytic activity; cation binding; hydrolase activity; hydrolase activity, acting on glycosyl bonds; hydrolase activity, hydrolyzing O-glycosyl compounds;   |

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