

## Active Recombinant Mouse Ids Protein, His-tagged

Cat. No. Ids-640M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ids (Accession # NP_034628) Thr36-Pro552 (Asp177-Lys179 deletion), fused with an N-terminal signal sequence and a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Thr36-Pro552 (Asp177-Lys179 deletion)
<b>Predicted N Terminal</b>	Thr36
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by its ability to hydrolyze the substrate 4-Nitrocatechol Sulfate (PNCS). The specific activity is >1.0 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Ids, His-tagged has a calculated MW of 60 kDa. In SDS-PAGE migrates as 77 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

**Gene Name** [Ids iduronate 2-sulfatase \[ Mus musculus \]](#)

**Official Symbol** [Ids](#)

**Synonyms** [IDS](#); [iduronate 2-sulfatase](#); [iduronate sulfatase](#); [iduronate-2-sulfatase](#); [alpha-L-iduronate sulfate sulfatase](#); [AW214631](#);

**Gene ID** [15931](#)

**mRNA Refseq** [NM\\_010498](#)

**Protein Refseq** [NP\\_034628](#)

**MIM**

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