

Active Recombinant Mouse Ids Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Thr36-Pro552 (Asp177-Lys179 deletion)
Predicted N Terminal	Thr36
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to hydrolyze the substrate 4-Nitrocatechol Sulfate (PNCS). The specific activity is >1.0 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Ids, His-tagged has a calculated MW of 60 kDa. In SDS-PAGE migrates as 77 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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