

Recombinant Mouse Uxs1 Protein, Myc/DDK-tagged

Cat. No. Uxs1-6888M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length UDP-glucuronate decarboxylase 1 (Uxs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the NAD-dependent decarboxylation of UDP-glucuronic acid to UDP-xylose. Necessary for the biosynthesis of the core tetrasaccharide in glycosaminoglycan biosynthesis.
Molecular Mass	47.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Uxs1 UDP-glucuronate decarboxylase 1 [Mus musculus (house mouse)]
Official Symbol	Uxs1
Synonyms	Uxs1; UDP-glucuronate decarboxylase 1; AI451869; AI649125; AW550562; 1600025I13Rik; UDP-glucuronic acid decarboxylase 1; UGD; UXS-1; EC 4.1.1.35
Gene ID	67883
mRNA Refseq	NM_026430
Protein Refseq	NP_080706
UniProt ID	Q91XL3

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