

## Recombinant Mouse Uxs1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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<b>Gene Name</b>	Uxs1 UDP-glucuronate decarboxylase 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Uxs1
<b>Synonyms</b>	Uxs1; UDP-glucuronate decarboxylase 1; AI451869; AI649125; AW550562; 1600025113Rik; UDP-glucuronic acid decarboxylase 1; UGD; UXS-1; EC 4.1.1.35
<b>Gene ID</b>	67883
<b>mRNA Refseq</b>	NM_026430
<b>Protein Refseq</b>	NP_080706
<b>UniProt ID</b>	Q91XL3

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