

Recombinant Mouse Miox Protein, Myc/DDK-tagged

Cat. No. Miox-4077M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myo-inositol oxygenase (Miox), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Restricted expression toward kidney adult (RPKM 2473.5)
Molecular Mass	33.2 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

Gene Name	Miox myo-inositol oxygenase [Mus musculus (house mouse)]
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Official Symbol	Miox
Synonyms	MIOX; myo-inositol oxygenase; inositol oxygenase; MI oxygenase; aldehyde reductase-like 6; aldehyde reductase 6, renal; renal-specific oxidoreductase; renal-specific oxido-reductase; aldehyde reductase (aldose reductase)-like 6; RSOR; Aldrl6; C85427; AI314022; 0610009I10Rik
Gene ID	56727
mRNA Refseq	NM_019977
Protein Refseq	NP_064361
UniProt ID	Q9QXN5

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