

Recombinant Human MIOX protein, His-tagged

Cat. No. MIOX-885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MIOX protein(1-285 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-285 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	MKVTVGPDPSLVYRPDVDPEVAKDKASFRNYTSGPLLDREVFTTYKLMHTHQTVDFV RSKHAQFGGFSYKKMTVMEAVDLLDGLVDESDPDVDFPNSFHAFQTAEGIRKAHPD KDWFHLVGLLHDLGKVLALFGEPQWAVVGDTFPVGCPRQASVVFCDSTFQDNPD QDPRYSTELGMYQPHCGLDRVLMSWGHDDEYMYQVMKFNKFSLPPEAFYMRFHSHF YPWHTGRDYQQLCSQQDLAMLPPWVREFNKF DLYTKCPDLPDVDKLRPYYQGLIDK YCPGILSW
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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GENE INFORMATION

Official Symbol MIOX

Synonyms

MIOX; myo-inositol oxygenase; aldehyde reductase (aldose reductase) like 6 , ALDRL6; inositol oxygenase; kidney specific protein 32; MI oxygenase; aldehyde reductase-like 6; kidney-specific protein 32; renal-specific oxidoreductase; aldehyde reductase (aldose reductase) like 6; ALDRL6; MGC90217;

Gene ID 55586

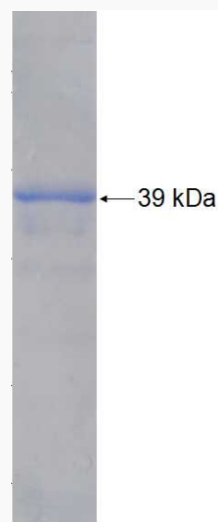
mRNA Refseq NM_017584

Protein Refseq NP_060054

MIM 606774

UniProt ID Q9UGB7

SDS-PAGE



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