

Recombinant Human MIOX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MIOX-1888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MIOX MS Standard C13 and N15-labeled recombinant protein (NP_060054) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Belongs to the myo-inositol oxygenase family.
Molecular Mass	33 kDa
AA Sequence	MKVTVGPDPSLVYRPDVEDPEVAKDKASFRNYTSGPLLDREVFTTYKLMHHTQTVDFV RSKHAQFGGFSYKKMTVMEAVDLLDGLVDESDPDVDFPNSFHAFQTAEGIRKAHPD KDWFHLVGLLHDLGKVLALFGEPQWAVVGDTFPVGCPRQASVVFCDSTFQDNPD QDPRYSELGMYQPHCGLDRVLMSWGHDEYMYQVMKFNKFSLPPEAFYMRFHSHF YPWHTGRDYQQLCSQQDLAMLPPWVREFNKFDFLYTKCPDLDPVDKLRPHYQGLIDK YCPGILSWTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MIOX myo-inositol oxygenase [Homo sapiens (human)]

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

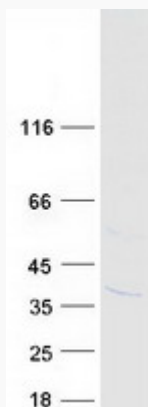
MIM 606774

UniProt ID Q9UGB7

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SDS-PAGE

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