

Recombinant Full Length Human MIOX Protein, C-Flag-tagged

Cat. No. MIOX-1477HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MIOX Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables ferric iron binding activity and inositol oxygenase activity. Involved in inositol catabolic process. Predicted to be located in cytoplasm and inclusion body.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	32.8 kDa
AA Sequence	MKVTVGPDPSLVYRPDVDPEVAKDKASFRNYTSGPLLDRVFTTYKLMHTHQTVDFV RSKHAQFGGFSYKK MTVMEAVDLLDGLVDESDPDVDFPNSFHAFQTAEGIRKAHP DKDWFHLVGLLHDLGKVLALFGEPQWAVV GDTFPVGCPRPQASVVFCSTFQDNP DLQDPRYSTELGMYQPHCGLDRVLMSWGHEDEMYQVMKFNKFSLP PEA FYMIRF HSFYPWHTGRDYQQ LCSQQDLAMLPPWVREFNKF DLYTKCPDLPDVKLRPYYQGL IDKYCP GILSWTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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

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	handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Ascorbate and aldarate metabolism, Inositol phosphate metabolism
Full Length	Full L.

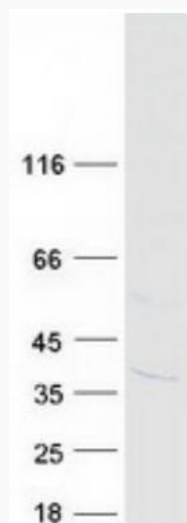
GENE INFORMATION

Gene Name	MIOX myo-inositol oxygenase [Homo sapiens (human)]
Official Symbol	MIOX
Synonyms	ALDRL6
Gene ID	55586
mRNA Refseq	NM_017584.6
Protein Refseq	NP_060054.4
MIM	606774
UniProt ID	Q9UGB7

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Coomassie blue staining of purified MIOX protein.

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