

Product datasheet for PH310070

MIOX (NM_017584) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MIOX MS Standard C13 and N15-labeled recombinant protein (NP_060054)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210070
Predicted MW:	33 kDa
Protein Sequence:	>RC210070 protein sequence Red=Cloning site Green=Tags(s) MKVTVGPDPSLVYRPDVPDPEVAKDKASFRNYTSGPLLDRVFTTYKLMHHTQTVDFVRSKHAQFGGFSYKK MTVMEAVDLLDGLVDESDPDVDFPNSFHAFQTAEGIRKAHPDKDWFHLVGLLHDLGKVLALFGEPQWAVV GDTFVPGCRPQASVVFCDSTFQDNPDLDQPRYSELGMYQPHCGLDRLMSWGHDEYMYQVMKFNKFSLP PEAFYMIRFHSFYPWHTGRDYQQLCSQQDLAMLPWVREFNKFDLYTKCPDLPDVKLRPYYQGLIDKYCP GILSW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_060054</u>
RefSeq Size:	1437
RefSeq ORF:	855
Synonyms:	ALDRL6
Locus ID:	55586



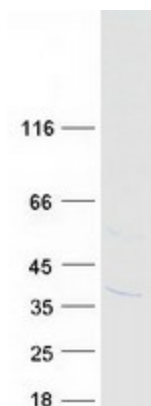
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UniProt ID: [Q9UGB7](#)

Cytogenetics: 22q13.33

Protein Pathways: Ascorbate and aldarate metabolism, Inositol phosphate metabolism

Product images:



Coomassie blue staining of purified MIOX protein (Cat# [TP310070]). The protein was produced from HEK293T cells transfected with MIOX cDNA clone (Cat# [RC210070]) using MegaTran 2.0 (Cat# [TT210002]).