

Recombinant Human ACO2 Protein, MYC/DDK-tagged

Cat. No. ACO2-914H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ACO2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the aconitase/IPM isomerase family. It is an enzyme that catalyzes the interconversion of citrate to isocitrate via cis-aconitate in the second step of the TCA cycle. This protein is encoded in the nucleus and functions in the mitochondrion. It was found to be one of the mitochondrial matrix proteins that are preferentially degraded by the serine protease 15 (PRSS15), also known as Lon protease, after oxidative modification. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	82.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	aconitase 2[Homo sapiens]
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Official Symbol	ACO2
Synonyms	ACONM; HEL-S-284; ICRD; OCA8; OPA9
Gene ID	50
mRNA Refseq	NM_001098.2
Protein Refseq	NP_001089
MIM	100850
UniProt ID	Q99798

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