Recombinant Human ACO2 protein, GST-tagged

Cat. No. ACO2-9295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACO2 protein(1-300 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-300 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	MAPYSLLVTRLQKALGVRQYHVASVLCQRAKVAMSHFEPNEYIHYDLLEKNINIVRK RLNRPLTLSEKIVYGHLDDPASQEIERGKSYLRLRPDRVAMQDATAQMAMLQFISSG LSKVAVPSTIHCDHLIEAQVGGEKDLRRAKDINQEVYNFLATAGAKYGVGFWKPGSG IIHQIILENYAYPGVLLIGTDSHTPNGGGLGGICIGVGGADAVDVMAGIPWELKCPKVI GVKLTGSLSGWSSPKDVILKVAGILTVKGGTGAIVEYHGPGVDSISCTGMATICNMG AEIGATTSVFPYN

GENE INFORMATION

Gene Name	ACO2 aconitase 2, mitochondrial [Homo sapiens]
Official Symbol	ACO2
Synonyms	ACO2; aconitase 2, mitochondrial; aconitate hydratase, mitochondrial; ACONM; citrate hydro-lyase; ICRD; MGC20605; MGC33908;
Gene ID	50
mRNA Refseq	NM_001098
Protein Refseq	NP_001089
MIM	100850
UniProt ID	Q99798

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SDS-PAGE	

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