Recombinant Human ACO2 protein, His&GST-tagged

Cat. No. ACO2-2490H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACO2 protein(Q99798) (Gln 28-Gln 780) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	28-780 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0, 0.3mM DTT.
Molecular Mass	The recombinant human ACO2/GST chimera consists of 990 amino acids and migrates as an apximately 110 kDa band in SDS-PAGE under reducing conditions as predicted.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

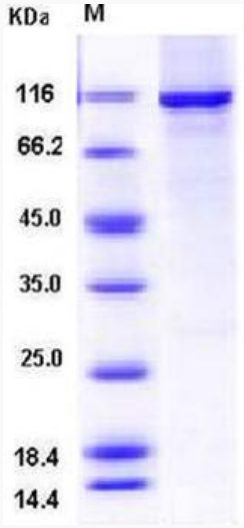
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001089.1
Unit ID	Q99798
Unit ID-Weblink	http://www.uniprot.org/uniprot/Q99798

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

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SDS-PAGE	

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