

Recombinant Human ACO2 / Aconitase 2 Protein

Catalog No.: TP08467

50µg

Sequence Information

Species: Human

Gene ID:50

Swiss Prot:Q99798

Synonyms: ACONM;ICRD

Residues:Gln28-Gln780

QRAKVMASHFEPNEYIHYDLLEKNINIVRKRRLNRPLTLSEKIVYGHLDPPASQE
IERGKSYLRLRPDRVAMQDATAQMAMLQF ISSGLSKVAVPSTIHCDDLIEAQVG
GEKDLRRAKDINQEVYNFLATAGAKYGVGFWKPGSGIIHQIILENYAYPGVLLI
GTDSHTPNGGGLGGICIGVGGADAVIDMAGIPWELKCPKVIGVKLTGSLSGWSS
PKDVI LKVAGILTVKGGTGAIVEYHGPVDSISCTGMATICNMGAEIGATTSVF
PYNHRMKKYLSKTGREDIANLADEFKDHLPDPGCHYDQLIEINLSELKPHING
PFTPDLAHPVAEVGKVAEKEGWPLDIRVGLIGSCTNSSYEDMGRSAAVAKQALA
HGLKCKSQFTITPGSEQIRATIERDGYAQILRDLGGIVLANACGPCIGQWDRKD
IKKGEKNTIVTSYNRNFTGRNDANPETHAFVTSPEIVTALAIAGTLKFNPETDY
LTGTDGKKFRLEAPDADELPGGEFDPGQDTYQHPPKDSSGQHVDVSPSQRLLQ
LEPFDKWDGKDLEDLQILIKVKGKCTTDHISAAGPWLKFRGHLDNISNLLIGA
INIENKANSVRNAVTEFGVPDARYYKKHGIRWVIGDENYEGSSREHAA
LEPRHLGGRAIITKSFARIHETNLKKQGLLPLTFADPADYNKIHPVDKLTIQGL
KDFTPGKPLKCIKHPNGTQETILLNHTFNETQIEWFRAGSALNRMKELQQ

Product Information

Source: Eukaryotic expression.

Host: *Baculovirus-Insect Cells*

Tags: N-terminal His and GST Tag

Subcellular Location: Mitochondrion.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 1000µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.3

Predicted Molecular Mass: 110kDa

Accurate Molecular Mass: 110kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

MW

KD 180
130
100
70
55
40
35
25
15
10



Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.