



Recombinant Human Aconitate hydratase, mitochondrial (ACO2)(K68R)

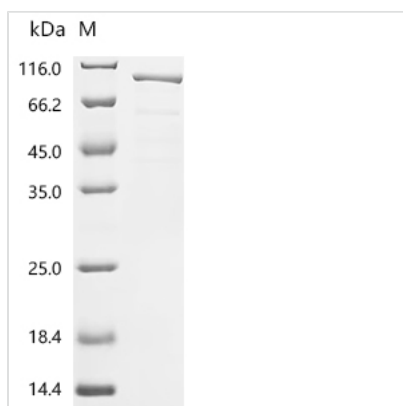
Product Code	CSB-EP859943HU(M)
Abbreviation	Recombinant Human ACO2 protein (K68R)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99798
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MAPYSLLVTRLQKALGVRQYHVASVLCQRAKVAMSHFEPNEYIHVDLLEKNINI VRKRLNRPLTLSERIVYGHLDPPASQEIERGKSYLRLRPDRVAMQDATAQMA MLQFISSGLSKVAVPSTIHCDHLIEAQVGGKDLRRRAKDINQEVYNFLATAGAK YGVGFWKPGSGIIHQIILENYAYPGVLLIGTDSHTPNGGGLGGICIGVGGADAV DVMAGIPWELKCPKVIGVKLGTGSLSGWSSPKDVILKVAGILTVKGGTGAIVEYH GPGVDSISCTGMATICNMGAIEGATTSVFPYNHRMCKKYLSTGREDIANLADE FKDHLVPDPGCHYDQLIEINLSELKPHINGPFTPDLAHPVAEVGKVAEKEGWPL DIRVGLIGSCTNSSYEDMGRSAAVAKQALAHGLKCKSQFTITPGSEQIRATIER DGYAQILRDLGGIVLANACGPCIGQWDRKDIKKGEKNTIVTSYNNRFTGRNDA NPETHAFVTSPEIVTALAIAAGTLKFNPETDYLTGTDGKKFRLEAPDADELPGKE FDPGQDITYQHPPKDSSGQHVDVSPTSQRLQLLEPFDKWDGKDLEDLQILIKVK GKCTTDHISAAGPWLKFRGHLDNISNLLIGAINIENGKANSVRNAVTVQEFQGPV PDTARYYKKHGIRWVIGDENYGEKSSREHAALPRHLGGRAITKSFARIHET NLKKQGLLPLTFADPADYNKIHPVDKLTIQGLKDFTPGKPLKCIKHPNGTQETIL LNHTFNETQIEWFRAGSALNRMKELQQ
Research Area	Metabolism
Source	E.coli
Target Names	ACO2
Expression Region	1-780aa(K68R)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged



Mol. Weight 92.4 kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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