

Product datasheet for TP510616

Aco2 (NM_080633) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aconitase 2, mitochondrial (Aco2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210616 representing NM_080633 Red=Cloning site Green=Tags(s)

MAPYSLLVTRLQKALGVRQYHVASVLCQRAKVAMSHFEPSEYIRYDLLEKNINIVRKRLNRPLTLSEKIV
YGHLEDDPANQEIERGKTYLRLRPDRVAMQDATAQMAMLQFISSGLPKVAVPSTIHCDHLIEAQVGGKDL
RRAKDINQEVYNFLATAGAKYGVGFWRPGSGIIHQIILENYAYPGVLLIGTDSHTPNGGGLGGICIGVGG
ADAVDVMAGIPWELKCPKVGKLTGSLSGWTSPKDVILKVAGILTVKGGTGAIVEYHGPVDSISCTGM
ATICNMGAEIGATTSVFPYNHRMKKYLSKTGRTDIANLAEFKDHLVPDQVIEINLNLKPHIN
GPFTPDLAHPVADVGTVAEKEGWPLDIRVGLIGSCTNSSYEDMGRSAAVAKQALAHGLKCKSQFTITPGS
EQIRATIERDGYAQILRDVGGIVLANACGPGICQWDRKDIKKEKNTIVTSYRNFTGRNDANPETHAFV
TSPEIVTALAIAGTLKFNPETDFLTGKDGKKFKLEAPDADELPRSDFDPGQDQTYQHPPKDSSGQRVDVSP
TSQRLQLLEPFDKWDGKDLEDLQILIKVKGKCTTDHISAAGPWLKFRGHLDNISNLLIGAINIENKAN
SVRNAVTQEFGPVPTARYYKKGIRWVIGDENYEGSSREHAALPRHLGGRAITKSFARIHETNLK
KQGLLPLTFADPSDYNKIHPVDKLTIQGLKDFAPGKPLKCVIKHPNGTQETILLNHTFNETQIEWFRAGS
ALNRMKELQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	85.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_542364
Locus ID:	11429
UniProt ID:	Q99KI0
RefSeq Size:	2785
Cytogenetics:	15 E1
RefSeq ORF:	2340
Synonyms:	Aco-2; Aco3; D10Wsu183e
Summary:	Catalyzes the isomerization of citrate to isocitrate via cis-aconitate.[UniProtKB/Swiss-Prot Function]