

Product datasheet for TP503962

Echs1 (NM_053119) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse enoyl Coenzyme A hydratase, short chain, 1, mitochondrial (Echs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203962 protein sequence Red =Cloning site Green =Tags(s)
	 MAALRALLPRACSSLLSSVRCPELRRFASGANFQYIITEKKGKNSSVGLIQLNRPKALNALCNGLIEELN QALETFEQDPAVGAIULTGGDKAFAAGADIKEMQNRTFQDCYSSKFLSHWDHITRVKPKVIAAVNGYALG GGCELAMMCDIYAGEKAQFGQPEILLGTIPRAGGTQRLTRAVGKSLAMEMVLTGDRISAQDAKQAGLVS KIFPVEKLVEEAIQCAEKIASNSKIVAMAKESVNAAFEMTLTEGNKLEKRLFYSTFATDDRREGMTAFV EKRRANFKDH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	31.6 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.
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_444349
Locus ID:	93747
UniProt ID:	Q8BH95



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RefSeq Size: 1491

Cytogenetics: 7 F4

RefSeq ORF: 873

Synonyms: C80529

Summary: Straight-chain enoyl-CoA thioesters from C4 up to at least C16 are processed, although with decreasing catalytic rate (By similarity). Has high substrate specificity for crotonyl-CoA and moderate specificity for acryloyl-CoA, 3-methylcrotonyl-CoA and methacrylyl-CoA. It is noteworthy that binds tiglyl-CoA, but hydrates only a small amount of this substrate (By similarity).[UniProtKB/Swiss-Prot Function]