

Product datasheet for **TP504651**

Echdc1 (NM_025855) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse enoyl Coenzyme A hydratase domain containing 1 (Echdc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204651 protein sequence Red =Cloning site Green =Tags(s)

MRRCEVNSKPISEYFGIPCENREMAKCLLTSSLSVRTKLLQTGVSLYNTSHGFHEEEVKKILEQFPGGSI
DLLKKQNGIGILTLNPNKMNAFSGVMMLQLLERVEIENWTEGKGLIIHGAKNTFCSGSDLNAVKALST
PESGVALSMFMQNTLTRFMRLPLISVALVQGWAMGGGAELTTACDFRLMTEESVIRFVHKEMGIVPSWGG
TSRLVEIIGSRQALKVLSGTLKLDKSKEALNIGLTDEVLPQSDETTALEQAQEWLEKFSVSGPPQVIRGLKK
SVCSARELYIEEALQNERDVLETLWGGPANLEAIAKKGKHTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	35.5 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:	<u>NP_080131</u>
Locus ID:	52665
UniProt ID:	<u>Q9D9V3</u>



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RefSeq Size:	3048
Cytogenetics:	10 16.59 cM
RefSeq ORF:	969
Synonyms:	1700028A24Rik; AI314462; AI930038; D10Ertd667e; MMCD
Summary:	Decarboxylases ethylmalonyl-CoA decarboxylase, a potentially toxic metabolite, to form butyryl-CoA, suggesting it might be involved in metabolite proofreading. Also has methylmalonyl-CoA decarboxylase activity at lower level.[UniProtKB/Swiss-Prot Function]