

Recombinant Mouse DHODH Protein

Cat. No. DHODH-09M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DHODH Protein was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Enables dihydroorotase activity and dihydroorotate dehydrogenase activity. Involved in 'de novo' UMP biosynthetic process and UDP biosynthetic process. Located in mitochondrion. Is expressed in several structures, including alimentary system; branchial arch; limb bud; respiratory system; and urinary system. Human ortholog(s) of this gene implicated in postaxial acrofacial dysostosis. Orthologous to human DHODH (dihydroorotate dehydrogenase (quinone)).
Form	Liquid. In 20 mM Tris-HCl, 150 mM NaCl, pH 8.0.
Molecular Mass	~40 kDa
AA Sequence	TGDDHFYAEYLMPALQRLLDPESAHLAVRVISLGLLPRATFQDSNMLEVRVLGHKF RNPVGIAAGFDKHGEAVDGLYKLGFGFVEVGSVTPQPQEGNPRPRVFRPLPEDQAVI NRYGFNSHGLSAVEHRLRARQQKQTQLTTDGLPLGINLGKNKTSVDAAADYVEGVR ILGPLADYLVVNVSSPNTAGLRSLQGKTELRRLLSKVLQERDALKGPQKPAVLVKIAP DLTAQDKEDIASVARELGIDGLIITNTTVSRPVGLQGALRSETGGLSGKPLRDLSTQTI REMYALTQGTIPIIGVGGVSSGQDALEKIQAGASLVQLYTALTFLGPPVVARVKRELE ALLKERGFNTVTDAIGVDHRR

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Purity	>90%
Storage	Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.
Concentration	0.26 mg/ml
Official Full Name	Dihydroorotate dehydrogenase

GENE INFORMATION

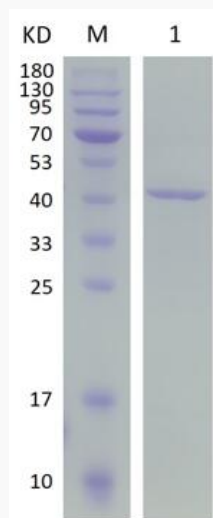
Gene Name	Dhodh dihydroorotate dehydrogenase [Mus musculus (house mouse)]
Official Symbol	DHODH
Synonyms	AI834883; 2810417D19Rik
Gene ID	56749
mRNA Refseq	NM_020046
Protein Refseq	NP_064430
UniProt ID	O35435

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SDS-PAGE



12% SDS-PAGE analysis profiles of purified Mouse DHODH (CBB stained).

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