

Recombinant Mouse DHODH Protein (31-395 aa), His-tagged

Cat. No. DHODH-2541M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DHODH Protein (31-395 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	31-395 aa
Description	Catalyzes the conversion of dihydroorotate to orotate with quinone as electron acceptor.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.0 kDa
AA Sequence	TGDDHFYAEYLMPALQRLLDPESAHLAVRVISLGLLPRATFQDSNMLEVRVLGHKF RNPVGIAAGFDKHGEAVDGLYKLGFGFVEVGSVTPQPQEGNPRPRVFRPLPEDQAVI NRYGFNSHGLSAVEHRLRARQQKQTQLTTDGLPLGINLGKNKTSVDAAADYVEGVR ILGPLADYLVNVSSPNTAGLRSLQGKTELRRLLSKVLQERDALKGPQKPAVLVKIAP DLTAQDKEDIASVARELGIDGLIITNTTVSRPVGLQGALRSETGGLSGKPLRDLSTQTI REMYALTQGTIPIIGVGGVSSGQDALEKIQAGASLVQLYTALTFLGPPVVARVKRELE ALLKERGFNTVTDAIGVDHRR

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

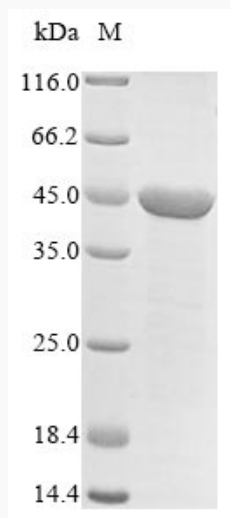
GENE INFORMATION

Gene Name	Dhodh dihydroorotate dehydrogenase [<i>Mus musculus</i>]
Official Symbol	DHODH
Synonyms	DHODH; dihydroorotate dehydrogenase; DHODEHase; dihydroorotate oxidase; AI834883; 2810417D19Rik;
Gene ID	56749
mRNA Refseq	NM_020046
Protein Refseq	NP_064430
UniProt ID	O35435

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

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