Recombinant Rat Dhodh Full Length Transmembrane protein, His-tagged

Cat. No. Dhodh-902R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dhodh protein(Q63707)(1-395aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Rat
Source	E.coli
ProteinLength	1-395aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	44.2 kDa
AA Sequence	MAWRQLRKRALDAVIILGGGGLLFTSYLTATGDDHFYAEYLMPGLQRLLDPESAHRL AVRVTSLGLLPRATFQDSDMLEVKVLGHKFRNPVGIAAGFDKNGEAVDGLYKLGFG FVEVGSVTPQPQEGNPRPRVFRLPEDQAVINRYGFNSHGLSVVEHRLRARQQKQA QLTADGLPLGINLGKNKTSEDAAADYAEGVRTLGPLADYLVVNVSSPNTAGLRSLQG KTELRHLLSKVLQERDALKGTRKPAVLVKIAPDLTAQDKEDIASVARELGIDGLIVTNT TVSRPVGLQGALRSETGGLSGKPLRDLSTQTIREMYALTQGRIPIIGVGGVSSGQDA LEKIQAGASLVQLYTALIFLGPPVVVRVKRELEALLKERGFTTVTDAIGADHRR

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	Dhodh dihydroorotate dehydrogenase (quinone) [Rattus norvegicus]
Official Symbol	Dhodh
Synonyms	DHODH; dihydroorotate dehydrogenase (quinone); dihydroorotate dehydrogenase (quinone), mitochondrial; DHOdehase; dihydroorotate oxidase; dihydroorotate dehydrogenase, mitochondrial;
Gene ID	65156
mRNA Refseq	NM_001008553
Protein Refseq	NP_001008553

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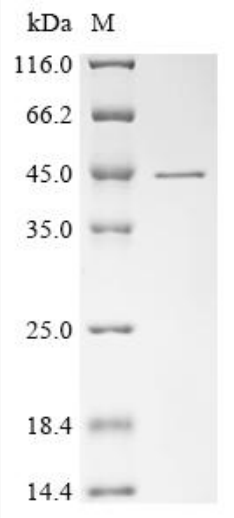
SDS-PAGE	

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