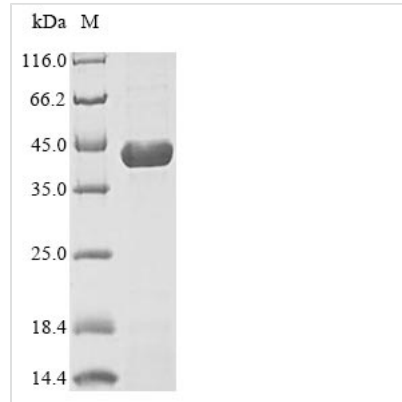




Recombinant Mouse Protein Dihydroorotate dehydrogenase (quinone), mitochondrial (Dhodh)

Product Code	CSB-CF006852MO
Relevance	Catalyzes the conversion of dihydroorotate to orotate with quinone as electron acceptor.
Abbreviation	Recombinant Mouse Dhodh protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O35435
Product Type	Transmembrane Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	LDAAIILGGGGLLFTSYLTATGDDHFYAEYLMPALQRLLDPESAHRLAVRVISLGLLPRATFQDSNMLEVRVLGHKFRNPVGIAGFDKHGEAVDGLYKLGFGFVEVGSVTPQPQEGNPRPRVFRPLPEDQAVINRYGFNSHGLSAVEHRLRARQQKQQLTTDGLPLGINLGKNKTSVDAAADYVEGVRILGPLADYLVVNVSSPNTAGLRLSQGKTELRRLLSKVLQERDALKGPQKPAVLVKIAPDLTAQDKEDIASVARELIGDGLIITNTTVSRPVGLQGALRSETGGLSGKPLRDLSTQTIREMYALTQGTIPIIGVGGVSSGQDALEKIQAGASLVQLYTALTFLGPPVVARVKRELEALLKERGFNTVTDAIGVDHRR
Research Area	Metabolism
Source	in vitro E.coli expression system
Target Names	Dhodh
Protein Names	Dihydroorotate oxidase
Expression Region	11-395aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	44.2 kDa
Protein Length	Full Length of Mature Protein
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.