

Recombinant Dihydroorotate Dehydrogenase (DHODH) Instruction Manual

SIPJ380Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	42.4kDa
Accurate Molecular Mass	42kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg35~Asp392 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	9.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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RFYAEH LMPTLQGLLD
PESAHRLAVR FTSLGLLPRA RFQSDMLEV RVLGHKFRNP VGIAAGFDKH
GEAVDGLYKM GFGFVEIGSV TPKPQEGNPR PRVFRLPEDQ AVINRYGFNS
HGLSVVEHRL RARQQKQAKL TEDGLPLGVN LGKNKTSVDA AEDYAEGVRV
LGPLADYLVV NVSSPNTAGL RSLQGKAELR RLLTKVLQER DGLRRVHRPA
VLVKIAPDLT SQDKEDIASV VKELGIDGLI VTNTTVSRPA GLQGALRSET
GGLSGKPLRD LSTQTIREMY ALTQGRVPII GVGGVSSGQD ALEKIRAGAS
LVQLYTALTF WGPPVVGKVK RELEALLKEQ GFGGVTD AIG AD
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

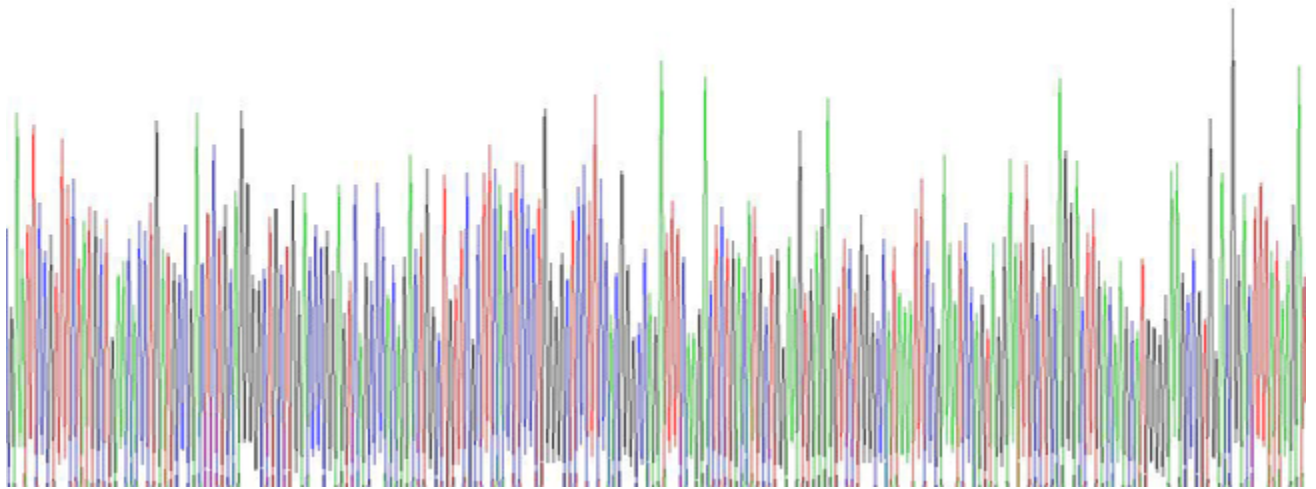
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.