

Recombinant Rat Etfdh protein, His-tagged

Cat. No. Etfdh-4242R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Etfdh protein(Q6UPE1)(33-616aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	33-616aa
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	68.6 kDa
AA Sequence	SSTSAVPQITTHYTIHPREKDKRWEGVNMERFAEEADVIVGAGPAGLSAAIRLKQL AAEQEKDIRVCLVEKAAQIGAHTLSGACLDPAAFKELFPDWKEKGAPLNTPTVEDRF AILTEKHRIPVPILPGLPMNNHGNYIVRLGHLVSWMGEQAEALGVEVYPGYAAAEVL YHEDGSVKGIATNDVGIQKDGAPKTTFERGLELHAKVTIFAEGCHGHLAKQFYKKFD LRASCDATYIGIGLWVIDEKKWKPGRDHTVGWPLDRHTYGGSFYHLNEGE PLVAVGFVVGLDYQNPYLSPFREFQRWKHHPSIRPTLEGGKRIAYGARALNEGGLQ SIPKLTFPGLLIGCSPGFMNVPKIKGHTAMKSGSLAAEAIFKQLTSENLSKTAGL HVTEYEDNLKQSWVWVELHAVRNIRPSCHGILGVYGGMIYTGIFYWILRGMEPWTL KHKGSDSEQLKPAKDCTPIEYKPDGQISFDLLSSVALSGTNHEHDQPAHLTLKDDSI PVNRNLSIYDGPEQRFPCPAGVYEFVPLEQGDGFRLLQINAQNCVHCKTCDIKDPSQNI

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	NWVVPEGGGGPAYNGM
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°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	Etfdh electron-transferring-flavoprotein dehydrogenase [Rattus norvegicus]
Official Symbol	Etfdh
Synonyms	ETFDH; electron-transferring-flavoprotein dehydrogenase; electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial; ETF-QO; ETF dehydrogenase; ETF-ubiquinone oxidoreductase; electron transferring flavoprotein dehydrogenase; MGC93785;
Gene ID	295143
mRNA Refseq	NM_198742
Protein Refseq	NP_942037