

Electron transfer flavoprotein-ubiquinone oxidoreductase Recombinant Protein | ETFDH recombinant protein

Recombinant Pig Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial

CATALOG # AAA113536	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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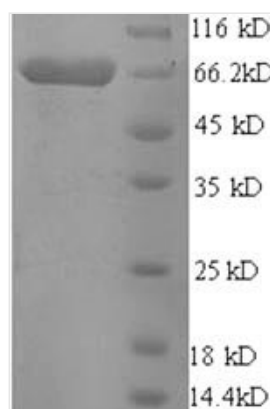
PRODUCT SYNONYMS

Electron transfer flavoprotein-ubiquinone oxidoreductase; Recombinant Pig Electron transfer flavoprotein-ubiquinone oxidoreductase; mitochondrial; Electron-transferring-flavoprotein dehydrogenase; ETF dehydrogenase; ETFDH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	34-617aa; Full Length of Mature Protein
Sequence	SSTCKVPRIT THYTIYPRDQ DKRWEGVNME RFEEADVVI VGAGPAGLSA ATRLKQLAAQ HEKDRLVCLV EKA AHIGAHT LSGACLDPR A FEELFPDWKE KGAPLNT PVT EDRFGILTEK YRIPVPILPG LPMNNHGNYV VRLGHLVSWM GEQAEALGVE VYPGYAAAEI LFHEDGSVKG IATNDVGIQK DGAPKTTFER GLELHAKVTI FAEGCHGHLA KQLYKKFDLR ANCEPQTYGI GLKELWVIDE KKWKPGRVDH TVGWPLDRHT YGGSFLYHLN EGEPLLALGF VVGLDYQNPY LSPFREFQRW KHHPSIKPTL EGGKRIAYGA RALNEGGFQS IPKLTFPGGL LIGCSPGFMN VPKIKGTHTA MKSGTLAAES IFNQLTSEN L QSKTIGLHVT EYEDNLKNSW VWKELYSVRN IRPSCHGILG VYGGMIYTG I FYWIFRGMEP WTLKHGSDS DQLKPAKDCT PIEYKPDGQ ISFDLLSSVA LSGTNHEHDQ PAHLTLKDDS VPVNRNLSIY DGPEQRFCPA GYVEFVPLEQ GDGFRLQINA QNCVHCKTCD IKDPSQNINW VVPEGGGGPA YNGM
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ETFDH recombinant protein	Accepts electrons from ETF and reduces ubiquinone.
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References	Molecular cloning and expression of a cDNA encoding human electron transfer flavoprotein-ubiquinone oxidoreductase. Goodman S.I., Axtell K.M., Bindoff L.A., Beard S.E., Gill R.E., Frerman F.E. Eur. J. Biochem. 219:277-286(1994) Porcine transcriptome analysis based on 97 non-normalized cDNA libraries and assembly of 1,021,891 expressed sequence tags. Gorodkin J., Cirera S., Hedegaard J., Gilchrist M.J., Panitz F., Jorgensen C.B., Scheibye-Knudsen K., Arvin T., Lumholdt S., Sawera M., Green T., Nielsen B.J., Havgaard J.H., Rosenkilde C., Wang J., Li H., Li R., Liu B., Hu S., Dong W., Li W., Yu J., Wang J., Staerfeldt H.H., Wernersson R., Madsen L.B., Thomsen B., Hornshøj H., Bujie Z., Wang X., Wang X., Bolund L., Brunak S., Yang H., Bendixen C., Fredholm M. Genome Biol. 8:R45.1-R45.16(2007) Structure of electron transfer flavoprotein-ubiquinone oxidoreductase and electron transfer to the mitochondrial ubiquinone pool. Zhang J., Frerman F.E., Kim J.J. Proc. Natl. Acad. Sci. U.S.A. 103:16212-16217(2006)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	298286807
UniProt Accession #	P55931
Molecular Weight	66.8 kDa
NCBI Official Full Name	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial
UniProt Protein Name	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial
UniProt Gene Name	ETFDH
UniProt Synonym Gene Names	ETF-QO; ETF-ubiquinone oxidoreductase; ETF dehydrogenase
UniProt Entry Name	ETFD_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.