

Recombinant Rat EtfA protein, His & T7-tagged

Cat. No. EtfA-1218R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat EtfA aa. (Ala34~Thr295 (Accession # P13803) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala34~Thr295
Description	Specific electron acceptor for several dehydrogenases, including acyl-coA dehydrogenases, glutaryl-coA and sarcosine dehydrogenase; transfers electrons to the main mitochondrial respiratory chain.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

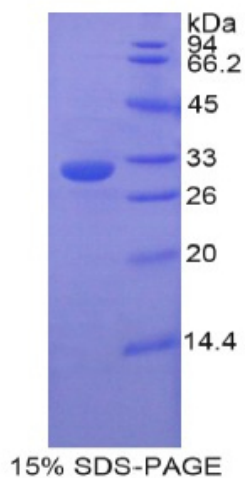
Gene Name	Etfa electron transfer flavoprotein alpha subunit [Rattus norvegicus (Norway rat)]
Official Symbol	Etfa
Synonyms	Etfa; electron transfer flavoprotein alpha subunit; ETF; electron transfer flavoprotein subunit alpha, mitochondrial; alpha-ETF; electron transferring flavoprotein, alpha polypeptide; electron-transfer-flavoprotein, alpha polypeptide
Gene ID	300726
mRNA Refseq	NM_001009668.1
Protein Refseq	NP_001009668.1
UniProt ID	P13803

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SDS-PAGE



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