

Recombinant Full Length Bovine Mitochondrial Uncoupling Protein 2(Ucp2) Protein, His-Tagged

Cat. No. RFL8099BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Mitochondrial uncoupling protein 2(UCP2) Protein (Q3SZI5) (1-309aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (1-309)
Form	Lyophilized powder
AA Sequence	MVGFKATDVPPTATVKFLGAGTAACIADLITFPLDTAKVRLQIQGERQGPMQAAASA QYR GVLGILTMRTEGPRSLYGLVAGLQRQMSFASVRIGLYDSVKQFYTKGSEH AGIGSRL LAGSTTGALAVAVAQPTDVVKVRFQAQARAGAGRRYQSTVEAYKTIARE EGFRGLWKGTS PNVARNAIVNCAELVTYDLIKDTLLKAHLMDDLPCHFTSAFGAGF CTTVIASPVDVVKT RYMNSALGQYSSAGHCALTMLQKEGPQAFYKGFMPNFLRLG SWNVVMFVTYEQLKRALMA ARASREAPF
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name UCP2

Synonyms UCP2; SLC25A8; Mitochondrial uncoupling protein 2; UCP 2; Solute carrier family 25 member 8

UniProt ID [Q3SZI5](#)

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