

# Recombinant Full Length Mouse UCP3 protein, His-tagged

**Cat. No.** UCP3-2892M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse UCP3 protein(Met1~Phe308), fused with N-terminal His Tag, was expressed in E. coli.             |
| <b>Species</b>          | Mouse                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                            |
| <b>ProteinLength</b>    | Met1~Phe308                                                                                                       |
| <b>Form</b>             | 100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| <b>Molecular Mass</b>   | 38kDa                                                                                                             |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                      |
| <b>Purity</b>           | > 90%                                                                                                             |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.        |
| <b>Reconstitution</b>   | Reconstitute in ddH <sub>2</sub> O to a concentration of 0.1-1.0 mg/mL. Do not vortex.                            |

## GENE INFORMATION

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Ucp3 uncoupling protein 3 (mitochondrial, proton carrier) [ Mus musculus ]                                                                                                                               |
| <b>Official Symbol</b> | UCP3                                                                                                                                                                                                     |
| <b>Synonyms</b>        | UCP3; uncoupling protein 3 (mitochondrial, proton carrier); mitochondrial uncoupling protein 3; UCP 3; solute carrier family 25 member 9; uncoupling protein 3, mitochondrial; UCP-3; Slc25a9; AI645527; |
| <b>Gene ID</b>         | 22229                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_009464                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_033490                                                                                                                                                                                                |

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