

Recombinant Human UCP2 Protein, His-tagged

Cat. No. UCP2-619H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UCP2 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	33 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	UCP2 uncoupling protein 2 (mitochondrial, proton carrier) [Homo sapiens]
Official Symbol	UCP2
Synonyms	UCP2; uncoupling protein 2 (mitochondrial, proton carrier); mitochondrial uncoupling

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protein 2; SLC25A8; UCP 2; solute carrier family 25 member 8; UCPH; BMIQ4;

Gene ID [7351](#)

mRNA Refseq [NM_003355](#)

Protein Refseq [NP_003346](#)

MIM [601693](#)

UniProt ID [P55851](#)

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