

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
ProteinLength	1-309 aa
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

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Synonyms	UCP2; uncoupling protein 2 (mitochondrial, proton carrier); mitochondrial uncoupling 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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