

Recombinant Human ATP5H protein, His-tagged

Cat. No. ATP5H-3744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP5H protein(1-137 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-137 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAGRKLALKTIDWVAF AEIIPQNQKAIASSLKSWNETLTSRLAALPENPPAIDWAYYK ANVAKAGLVDDFEKKVKSCAEWVSLSKARIVEYEKEMEKMKNLIPFDQMTIEDLNEA FPETKLDKKKYPYWPHQPIENL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ATP5H ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit d [Homo sapiens]
Official Symbol	ATP5H
Synonyms	ATP5H; ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit d; ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d; ATP synthase subunit d, mitochondrial; ATP5JD; ATPQ; My032 protein; ATPase subunit d; ATP synthase D chain, mitochondrial; ATP synthase, H ⁺ transporting, mitochondrial F1F0, subunit d;
Gene ID	10476
mRNA Refseq	NM_001003785
Protein Refseq	NP_001003785
UniProt ID	O75947

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