

Recombinant Human ATP5L, His-tagged

Cat. No. ATP5L-3721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP synthase subunit g, mitochondrial (ATP5L)
Species	Human
Source	E.Coli/Yeast
ProteinLength	103
Description	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the g subunit of the Fo complex. Alternative splicing results in multiple transcript variants.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of ATP5L recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's

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cap. Certain products may require to ship with dry ice.

Storage Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

Storage Buffer PBS pH 7.4, 50% glycerol

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [ATP5L](#)

Official Symbol ATP5L

Synonyms ATP5L ; ATP5L; ATP5L; ATP5JG; ATPase sub...

Gene ID [10632](#)

mRNA Refseq [NM_006476.4](#)

Protein Refseq [NP_006467.4](#)

UniProt ID [O75964](#)

Chromosome Location Chromosome: 11; NC_000011.9 (118272104..118280562). Location: 11q23.3

Function Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation

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