

Recombinant Human ATP5D protein, His-SUMO-tagged

Cat. No. ATP5D-2569H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP5D protein(P30049)(23-168aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-168aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	31 kDa
AA Sequence	AEAAAAPAAASGPNQMSFTFASPTQVFFNGANVRQVDVPTLTGAFGILAAHVPTLQ VLRPGLVVVHAEDGTTSKYFVSSGSIAVNADSSVQLLAEEAVTLDMLDLGAAKANLE KAQAELVGTADEATRAEIQIRIEANEALVKALE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION**Gene Name**

ATP5D ATP synthase, H⁺ transporting, mitochondrial F1 complex, delta subunit [Homo sapiens]

Official Symbol

ATP5D

Synonyms

ATP5D; ATP synthase, H⁺ transporting, mitochondrial F1 complex, delta subunit; ATP synthase subunit delta, mitochondrial; F-ATPase delta subunit; mitochondrial ATP synthase, delta subunit; mitochondrial ATP synthase complex delta-subunit precursor;

Gene ID

513

mRNA Refseq

NM_001001975

Protein Refseq

NP_001001975

MIM

603150

UniProt ID

P30049

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