9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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ATP5H Human

ATP Synthase Mitochondrial Fo Complex Subunit D Human Recombinant
RCP0145

Product Overview

Name	ATP5H Human
Description	
ATP Synthase Mitochondrial Fo Complex Subunit D Human Recombinant	
Accession (Primary)	O75947
Synonyms	
ATP Synthase H+ Transporting, Mitochondrial Fo Complex Subunit D, ATP Synthase D Chain Mitochondrial, ATP Synthase H+ Transporting Mitochondrial F1F0 Subunit D, ATPase Subunit D, My032 Protein, ATPQ.	
Introduction	
ATP5H is a member of the ATPase d subunit family and encodes the d subunit of the F0 complex. Electron transport complexes of the respiratory chain create a proton gradient across the membrane which induces ATP5H to transform ADP to ATP. Two alternatively spliced isoforms of ATP5H, encoded by a gene that maps to human chromosome 17q25.1, are known. ATP5H is restricted to mitochondrial inner membrane.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The ATP5H solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAGRKLA LKTIDWVAFA EIIPQNQKAI ASSLKSWNET LTSRLAALPE NPPAIDWAYY KANVAKAGLV DDFEKKFNAL KVPVPEDKYT AQVDAEEKED VKSCAEWVSL SKARIVEYEK EMEKMKNLIP FDQMTIEDLN EAFPETKLDK KKYPYWPHQP IENL	
Precautions	

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ATP5H Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O75947)