

Datasheet for ABIN5853139

**ATP5H Protein (AA 1-161) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	ATP5H
Protein Characteristics:	AA 1-161
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP5H protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMAGRKLA LKTIDWVAFA EIIPQNQKAI ASSLKSWNET LTSRLAALPE NPPAIDWAYY KANVAKAGLV DDFEKKFNAL KVPVPEDKYT AQVDAEEKED VKSCAEWVSL SKARIVEYEK EMEKMKNLIP FDQMTIEDLN EAFPETKLDK KKYPYWPHQP IENL
Purity:	> 85 % by SDS - PAGE

## Target Details

Target:	ATP5H
Alternative Name:	ATP5H ( <a href="#">ATP5H Products</a> )
Background:	ATP synthase subunit d, also known as ATP5H, is a 161 amino acid protein that belongs to the ATPase d subunit family. ATP5H encodes the d subunit of the F0 complex. ATP5H produces ATP from ADP in the presence of a proton gradient across the membrane, which is generated

## Target Details

by electron transport complexes of the respiratory chain. Localizing to mitochondrial inner membrane, ATP5H exists as two alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 17q25.1. Recombinant human ATP5H protein, fused to His-tag at N-terminus, was expressed in E.coli.

Molecular Weight: 20.9 kDa (184aa)

NCBI Accession: [NP\\_006347](#)

UniProt: [O75947](#)

Pathways: [Proton Transport, Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

## Handling

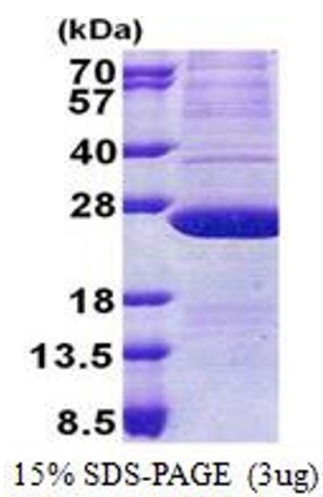
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M urea, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.