

AR51072PU-S

Human ATP synthase subunit d (1-161, His-tag) - Purified

Alternate names:	ATP5H, Complex V subunit d, F1 F0 ATP synthase subunit d, My032, mitochondria ATP synthase subunit d
Quantity:	50 µg
Concentration:	1 mg/ml (determined by Bradford assay)
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
Uniprot ID:	075947
NCBI:	NP_006347
GeneID:	10476
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Description:	AA Sequence: MGSSHHHHH SGLVPRGSH MGSMAGRKLA LKTIDWVFA EIIPQNQKAI ASSLSKSWNET LTSRLAALPE NPPAIDWAY KANVAKAGLV DDFEKKFNAL KVPVPEDKYT AQVDAEEKED VKSCAEWVSL SKARIVEYEK EMEKMKNLIP FDQMTIEDLN EAFPETKLDK KKYPYWP HQP IENL Molecular weight: 20.9 kDa (184aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Noh H S., et al. (2004) Brain Res. 129:80-87.Sansanwal P., et al. (2010) J Am Soc Nephrol. 21:272-283.
Pictures:	

