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## Datasheet for ABIN1667786 ATPFH Protein (AA 1-445) (His tag)

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | ATPFH  |
| Protein Characteristics:      | AA 1-445                                     |
| Origin:                       | Mycobacterium smegmatis                      |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This ATPFH protein is labelled with His tag. |
| Application:                  | ELISA  |

### Product Details

|                  |  |
|------------------|--|
| Sequence:        | MSIFIGQLIG FAVIAFIIVK WVVPPVRTLM RNQQEAVRAA LAESAEAAKK LADADAMHAK<br>ALADAKAESE KVTEEAQDS ERIAAQLSEQ AGSEAERIKA QGAQQIQLMR QQLIRQLRTG<br>LGAEAVNKAA EIVRAHVADP QAQSATVDRF LSELEQMAPS SVVIDTAATS RLRAASRQSL<br>AALVEKFDSV AGGLDADGLT NLADELASVA KLLLSETALN KHLAEPDDDS APKVRLLERL<br>LSDKVSATTL DLLRTAVSNR WSTESNLIDA VEHTARLALL KRAEIMAGEVD EVEEQLFRRG<br>RVLDAEPRLS ALLSDYTTPA EGRVALLDKA LTGRPGVNQT AAALLSQTVG LLRGERADEA<br>VIDLAELAVS RRGEVVAHVS AAAELSDAQR TRLTEVLSRI YGRPVSVQLH VDPELLGGLS<br>ITVGDEVIDG SIASRLAAAQ TGLPD |
| Specificity:     | Mycobacterium smegmatis (strain ATCC 700084 / mc(2)155)  |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.   |

## Product Details

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Purity: > 90 %

## Target Details

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Target: ATPFH

Alternative Name: ATP synthase subunit b-delta (atpFH) ([ATPFH Products](#))

Background: Recommended name: ATP synthase subunit b-delta Including the following 2 domains: ATP synthase subunit b.  
Alternative name(s): ATP synthase F(0) sector subunit b 2 ATPase subunit I 2 F-type ATPase subunit b 2.  
Short name= F-ATPase subunit b 2 ATP synthase subunit delta.  
Alternative name(s): ATP synthase F(1) sector subunit delta F-type ATPase subunit delta.  
Short name= F-ATPase subunit delta

UniProt: [A0R203](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.