ATP synthase protein MI25 (orf25), Recombinant Protein

CD BioSciences
Plant Protein

Cat RP17165

Species
Nicotiana tabacum (Common tobacco)

Full Product Name
Recombinant Nicotiana tabacum ATP synthase protein MI25

Product Synonym Names
Recombinant ATP synthase protein MI25; ATP synthase protein MI25; ORF 25

Product Gene Name
orf25 recombinant protein

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence
MRLSSTNMQA RKMLFAAILS ICASSSKKIS IYNEEMIVAL CFIGFIIFSW KSLGKTFKVT LDGRIQAIQE ESQQFPNPNE VVPPESNEQQ RLLRISLRIC GTVVESLPMA RCAPKCEKTV QALLCRNLNV KSATLPNATS SRRIRLQDDI AIKMHVLVGK RFCPWCSSKA ERVEFIRESL VVLRMVWVGD SLKNKELE

Sequence Positions
1-198

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
22,436 Da

Storage
Store at -20℃. For extended storage, store at -20 or -80℃.

Protein Family
ATP synthase protein

NCBI Accession
YP_173388.1

NCBI GI
57013915

NCBI GenBank Nucleotide
NC_006581.1

NCBI GeneID
3205236

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

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Cat *RP17165*

NCBI Official Full Name
hypothetical protein NitaMp042

NCBI Official Symbol
orf25

NCBI Protein Information
hypothetical protein

UniProt Protein Name
ATP synthase protein MI25

UniProt Synonym Protein Names
ORF 25

UniProt Entry Name
MI25_TOBAC

UniProt Primary Accession
P09003

UniProt Related Accession
S01445

UniProt Comments
Function: This is one of the chains of the nonenzymatic component (CF0 subunit) of the mitochondrial ATPase complex

By similarity.

Subunit structure: F-type ATPases have 2 components, CF1 - the catalytic core - and CF0 - the membrane proton channel. CF1 has five subunits: alpha3, beta3, gamma1, delta1, epsilon1. CF0 has three main subunits: a, b and c

By similarity.

Subcellular location: Mitochondrion membrane; Single-pass membrane protein

By similarity.

Sequence similarities: Belongs to the ATPase protein MI25 family.

RNA editing: Edited at positions 50, 165 and 187.

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