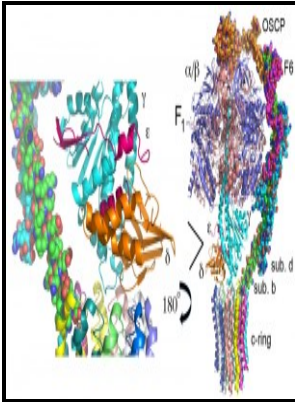


# Mitochondrial ATPase - biochemical and molecular genetic analysis

typescript - Mitochondrial DNA: MedlinePlus Genetics



Description: -

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## 2021 ASBMB Annual Meeting

The encoded isoform 5 is shorter and has a distinct N-terminus compared to isoform 1. Assembly is known to occur in at least three distinct rate-determining steps. It plays a vital role in enabling the cytochrome a<sub>3</sub>-Cu B binuclear center to accept four electrons in reducing molecular to.

## 2021 ASBMB Annual Meeting

In: Adam MP, Ardinger HH, Pagon RA, Wallace SE, Bean LJH, Mirzaa G, Amemiya A, editors. TWEAK knockout mice display less atrophy during denervation as well as reduced NF- $\kappa$ B activation and MuRF1 expression.

## TSC1 TSC complex subunit 1 [Homo sapiens (human)]

In fact, exercise does promote the synthesis of new proteins but simultaneously activates autophagy—lysosome and ubiquitin—proteasome-degradative systems. The bromodomain and extra terminal domain BET protein BRD4 has been recently shown to be an epigenetic regulator of muscle mass.

## Mitochondrial DNA: MedlinePlus Genetics

Mutations in this gene increase the risk of hearing loss, particularly in people who take prescription antibiotic medications called aminoglycosides. Nonsyndromic hearing loss Mutations in mitochondrial DNA are associated with nonsyndromic hearing loss, which is loss of hearing that is not associated with other signs and symptoms. Sustained activation of mTORC1 in skeletal muscle inhibits constitutive and starvation-induced autophagy and causes a severe, late-onset myopathy.

## Related Books

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