

## ATP-20

### Energy Support

#### DESCRIPTION

ATP-20, provided by Douglas Laboratories, supplies 20 mg of adenosine triphosphate in each tablet.

#### FUNCTIONS

When our body is called upon to produce energy, it relies on compounds such as adenosine triphosphate (ATP), and creatine phosphate. These molecules are used to provide our cells with the “fuel” they need to keep running, especially during times of strenuous exercise. While these molecules provide us with energy, one consequence of strenuous exercise is a depletion of creatine phosphate and ATP from our cells. The degree and speed with which we can regenerate these compounds is closely associated with our ability to “recover” and continue to perform during future exercise. As a supplement, ATP is used to support energy production and maintenance for the healthy structure and function of the body.

#### INDICATIONS

ATP-20 may be a useful dietary adjunct for individuals who wish to support healthy energy production.

#### FORMULA (#83029)

Each Tablet Contains:

Adenosine Triphosphate .....20mg

#### SUGGESTED USE

Adults take 1 to 3 tablets daily or as directed by physician.

#### SIDE EFFECTS

No adverse side effects have been reported.

#### STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

#### REFERENCES

Dow JW, Nigdikar S, Bowditch J. Adenine nucleotide synthesis de novo in mature rat cardiac myocytes. *Biochim Biophys Acta*. 1985 Nov 20;847(2):223-7.

Smolenski RT, Kalsi KK, Zych M, Kochan Z, Yacoub MH. Adenine/ribose supply increases adenosine production and protects ATP pool in adenosine kinase-inhibited cardiac cells. *J Mol Cell Cardiol*. 1998 Mar;30(3):673-83

Ward HB, Wang T, Einzig S, Bianco RW, Foker JE. Prevention of ATP catabolism during myocardial ischemia: a preliminary report. *J Surg Res*. 1983 Apr;34(4):292-7.

**For more information on ATP-20 visit [douglaslabs.com](http://douglaslabs.com)**

† These statements have not been evaluated by the Food and Drug Administration.  
This product is not intended to diagnose, treat, cure, or prevent any disease.

Manufactured by  
Douglas Laboratories  
600 Boyce Road  
Pittsburgh, PA 15205  
800-245-4440  
[douglaslabs.com](http://douglaslabs.com)



**You trust Douglas Laboratories.  
Your patients trust you.**