

## WE STAND FOR MORE BECAUSE IT'S THE RIGHT THING TO DO.

## **DL-PHENYLALANINE**

- DL-Phenylalanine is an amino acid supplement to support comfort and mood balance.\*
- DL-Phenylalanine (DLPA) contains both the essential amino acid L-phenylalanine and D-phenylalanine. Studies have shown that L-phenylalanine can elevate the mood, making DLPA a useful agent in combating low mood states.\*
   DLPA can also be used for those with chronic discomfort since it is the body's natural pain-killing response.\*
- DLPA supports and may prolong the body's own natural pain killing response.\* The brain responds to pain signals by producing and activating morphine like hormones called ENDORPHINS. The ENDORPHIN system is responsible for the loss of pain sensation.

## Discomfort

DL-Phenylalanine may inhibit enzymes which are responsible for the destruction of the body's pain killing hormones.\* When these enzymes are inhibited, the brains own naturally produced endorphins have a longer life span and exert comfort promoting actions for long periods.\*

## Low Mood States

DLPA increases the production of PEA (Phenylethylamine).\*
PEA is a neurotransmitter type substance, which bears a
close structural resemblance to the stimulant drug
Amphetamine. A deficiency in PEA in the nervous system
is thought to cause low mood states.\*

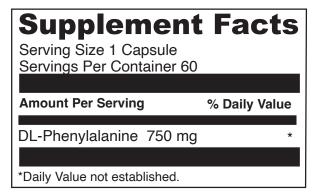
DLPA supports proper endorphine levels.\* Phenylalanine has the ability to inhibit enzymes which break down the endorphin hormones. Endorphin is a hormone-like substance whose presence may account for the euphoria experienced post exercise. Endorphin levels in the brain can be critical in mood regulation.

DLPA supports norepinephrine production.\*

Phenylalanine converts to the neurotransmitter

Norepinephrine. Norepinephrine was the first brain
chemical deficiency believed to be involved with severe
low mood states. Most anti-depressant drugs are
designed to increase the amount of Norepinephrine in the
central nervous system, but by very different means.

**Suggested Use:** As a dietary supplement, take 1 capsule with a meal, or as directed by your health care practitioner.



Other ingredients: vegetable cellulose, vegetarian leucine, silicon dioxide.

**Warning:** Individuals with PKU (phenylketonuria) or who are pregnant or nursing should not use this product.

**VEGETARIAN / GLUTEN FREE** 

\*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.

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