

# Memory Protect

## 12 Colostrinin-Lithium (C-Li) Capsules | 24 Lithium (Li) Capsules

Memory Protect combines a unique colostrinin polypeptide complex with the trace mineral lithium for unrivaled memory and cognitive health support for the aging brain. Colostrinin supports cognition, memory, and also inhibits inflammatory factors in the brain which can lead to reduced cognitive function and memory loss. And research now shows that lithium helps inhibit an enzyme sometimes associated with cognitive decline, as well as providing benefits for longevity and mood. Harness the power of Memory Protect ... and help maintain your brain.

### Benefits at a Glance

- Promotes healthy memory and cognitive health
- Supports the natural breakdown of abeta proteins
- Encourages healthy tau protein function
- Inhibits GSK3 enzyme production
- Helps maintain brain glucose levels already within normal range

### Healthy brain proteins and cognitive function

Amyloid beta (or abeta) are "misfolded" proteins which are quickly and efficiently cleared from a youthful, healthy brain through natural processes. But as we age, these proteins begin to accumulate, affecting memory and cognitive function. Plus, abeta can chemically affect tau proteins, cellular components responsible for moving essential molecules throughout the cell.

### Colostrinin Proline-rich polypeptide complex

Memory Protect's Colostrinin polypeptide complex promotes cognition, memory, and helps inhibit inflammatory factors in the brain. Colostrinin also favorably affects gene expression associated with abeta protein production,<sup>1</sup> encourages production of enzymes which support the natural breakdown of abeta proteins,<sup>1</sup> and encouraged learning and memory in animal studies — along with a 26% median life-span increase.<sup>2</sup>

Laboratory studies demonstrate that colostrinin favorably altered the gene expression of cells in culture to those produced by natural nerve growth factor, promoting differentiation of primitive cells into functioning adult neuron cells, and encouraging healthy neurite growth — tiny structures essential for cell-to-cell communication.<sup>3,4</sup>

### Lithium, the "brain element"

Memory Protect also delivers lithium, which has long been used to promote healthy mood.<sup>5</sup> But now, research indicates that lithium helps inhibit the GSK3 enzyme, which affects tau protein phosphorylation.<sup>6</sup> Phosphorylated tau proteins can contribute to age-related cognitive decline and memory health. Inhibiting GSK3 may help maintain healthy glucose levels already within normal range in the brain.<sup>7,8</sup> Lithium also promotes autophagy,<sup>5</sup> the healthy breakdown of tau and abeta proteins

through natural processes. And in animal studies, lithium helped maintain memory health and cognitive performance.<sup>10</sup>

So don't wait to maintain your brain. Choose Memory Protect, a memory and cognitive health support supplement made with powerful, brain-friendly ingredients — only from Life Extension.

### References

1. J Nutr Health Aging. 2009 Mar;13(3):235-41.
2. Neurodegenerative Diseases. 2007;4:264.
3. J Alzheimers Dis. 2008 Apr;13(3):303-21.
4. Cell Mol Biol (Noisy-le-grand). 2013;59(1):4-11.
5. ACS Chem Neurosci. 2014 Jun 18;5(6):434-42.
6. PLoS Genet. 2010 Sep;6(9):e1001087.
7. Nat Rev Drug Discov. 2004 Jun;3(6):479-87.
8. Expert Opin Ther Targets. 2008 Oct;12(10):1265-74.
9. PLoS One. 2015;10(11):e0142267.

**LifeExtension**  
NUTRITION CENTER

**8956 Turkey Lake Rd, B700  
Orlando, FL 32819**

**www.healthylifespan.com**  
*407.373.7001 or 866.321.1117*  
*info@healthylifespan.com*