

Cell CLR



Dr. Pompa introduces the concept of Core Cellular Detox in three essential components, with the first being the upregulation of cellular detox pathways. Cell CLR plays a central role in driving this upregulation, making it the cornerstone of our approach.

What makes this product unique?

- **Glutathione (GSH)** stands out as a critical detox pathway within the cell. While many seek to improve GSH function through IVs or liposomal supplements, the true key lies in enhancing intracellular GSH levels. Cell CLR was meticulously designed to do just that, comprehensively supporting ALL cellular detox and inflammation pathways.
- **Cell CLR** delivers ingredients with the unique capability to penetrate the cell and facilitate the production of new GSH while recycling used oxidized GSH. It also incorporates a specialized form of GSH known as S-Acetyl-L GSH, which possesses the remarkable ability to enter the cell and elevate intracellular GSH levels.
- Another vital detox pathway supported by Cell CLR is the catalase pathway. Catalase acts as a cellular signal to combat inflammation and cell oxidation while promoting the upregulation of other detox pathways. It neutralizes toxins generated within the cell during energy production. Insufficient catalase allows harmful oxidants like hydrogen peroxide to accumulate, leading to cellular inflammation.
- **Cell CLR** also reinforces superoxide dismutase (SOD), a paramount cellular antioxidant and inflammation regulator. Low SOD levels hinder proper cellular detoxification, and SOD plays a pivotal role in averting chronic cellular inflammation driven by the NO/ONOO cycle, an uncontrollable cascade of reactive oxygen species.

C3 Complex

The C3 Complex stands as a distinctive element within the Cellular Solutions line, playing a pivotal role in supporting cellular communication and enhancing the bioavailability of essential ingredients. We utilize super mushrooms that are known to target specific organs, and grow them on active botanical substrates that address specific functions. This synergistic process, known as myceliation, brings the medicinal properties of the botanical substrate into the mushroom, which then acts as an intelligent bridge of communication between the plant and the cell, making the active ingredients more bioavailable, and amplifying the effect.

C3 Synergies in Cell CLR

Reishi: cultivated on milk thistle amplifies milk thistle's protective effects against toxicity, inflammation, oxidation, and stress. It also enhances the active ingredients responsible for detoxifying liver and kidney cells.

Reishi: grown on substrates of bacopa and turmeric draws upon and activates key ingredients that govern and regulate cellular inflammation. This proves indispensable during cellular detoxification.

Key information about ingredients

- **Melon fruit extract:** used in this product has been shown in studies to support and raise SOD is one of the master antioxidants of the cell, controlling inflammation and cellular detox. SOD has been identified and used to support anti-aging.
- **Wasabi powder:** has been shown to stimulate the liver to produce glutathione. It is antibacterial against staph aureus and e-coli strains of bacteria.
- **Multi protein chelated sulfur-based minerals:** which provide and support natural chelation and detox.
- **R-Lipoic acid:** is used in the cell for cellular energy as well as recycling GSH. Not to be confused with the synthetic form of lipoic acid (S-Lipoic Acid) which can function outside the cell as a chelator.
- **Solarplast (spinach):** supports the SOD catalase pathways.
- **S-Acetyl L- Glutathione:** is the form of GSH that has the ability to enter INTO the cell.
- **Riboflavin:** is important for recycling of glutathione.
- **Cardamom:** in studies has been shown to raise intracellular GSH.
- **N Acetyl L-cysteine (NAC):** is part of the tri peptide (3 amino acids) used to manufacture GSH. It is the limiting rate factor, meaning when it becomes depleted due to a toxic cell, it needs to be restored to manufacture new GSH.
- **Molybdenum:** is important in many of the cellular detox pathways and helps those who react or are sensitive to sulfur, which is a natural chelator in the body. The molybdenum used is a hydrolyzed whole protein chelate, making it more usable at the cellular level.
- **Selenium:** is critical in the detoxification pathway, especially for certain heavy metals. This form of selenium is more active than the methylated form (selenomethionine). It is bound to several amino acids to increase bioavailability in the cell.

Supplement Facts

Serving Size: 4 Capsules
Servings Per Container: 15

	Amount Per Serving	%Daily Value
Vitamin C (as lipid metabolite ascorbate)	900 mg	1000%
Riboflavin (as riboflavin-5-phosphate)	2.6 mg	200%
Selenium*	100 mcg	182%
Manganese*	2.5 mg	106%
Molybdenum*	45 mcg	100%
Intracellular Support Blend	710 mg	+
R-Alpha Lipoic Acid, Wasabi Extract, Solarplast® (Spinach Leaf Extract), S-Acetyl-L-Glutathione, N-Acetyl L-Cysteine, Broccoli Sprout, Organic Fermented Turmeric Root, Organic Fermented Bacopa monnieri Leaf, Organic Fermented Milk Thistle Seed, Organic Fermented Cardamom Seed, Melon Fruit Extract		
Cellular Communication Complex (C3)	100 mg	+
Organic Reishi Mushroom Mycelium, Organic Myceliated Bacopa monnieri Leaf, Organic Myceliated Milk Thistle Seed, Organic Myceliated Turmeric Root		

+ Daily Value not established

Suggested use

For adults, take 2 capsules daily, either together or in divided doses. You can take them with or without food or as directed by your healthcare professional.

Contradictions

Always consult your doctor for ingredient contraindications, especially if you are taking any medications.