



# Plant C-Stem™

## *Vigna radiata*

Growing sustainability

Plant C-Stem™ *Vigna radiata* is a completely new concept of plant extraction. Plant cells contain a big vacuole they use as a warehouse to store bio-active components required for growth and repair. From plant cell cultures, we selectively extract the content of the intracellular vacuole without the use of solvent or enzyme. Using the plant cell vacuole extract is like using the plant “serum”.

## Efficacy

- Rescue of UV-damaged fibroblasts
- Stimulation of cell viability
- Inhibition of pro-inflammatory mediators (IL-6, IL-8)
- Inhibition of MMPs
- Efficacy supported by proteomics

## Technical information

- Glycerin, Phaseolus Radiatus Meristem cell culture extract
- Glycerin, Water, Phaseolus radiatus extract (Vacuolin™ PR)
- 100% water soluble
- Preservative-free
- Recommended concentration in formulation: 0.2-1%
- Ideal for:
  - Protection/repair of environmental damage
  - Day creams with or without UV filters
  - Anti-aging formulations
  - Post-UV repair cream

