

LenEasy® PepT2: A green polypeptide for calm skin



Our new supplier Transactiva offers a new perspective on the future of cosmetic ingredient production: Plant Molecular Farming combines nature, biotechnology, sustainability and the latest research.

What Plant Molecular Farming (PMF) is: Plants are used as natural bioreactors to produce active ingredients. They produce customised polypeptides or proteins with the help of a selected bacterium. Thanks to the controlled conditions on the site, no pesticides are required for cultivation.

The new active ingredient LenEasy® PepT2 is a 'green' peptide (non-GMO) extracted from the leaves of the Australian tobacco plant *N. benthamiana*. The medicinal plant is recognised in science as a model organism.

The effect of LenEasy® is impressive: the specific activity of the polypeptide as a TNF α inhibitor significantly reduces the skin's inflammatory response in a very short time. The high-quality and sustainable active ingredient is particularly suitable for dermocosmetics and medical skin care.

Transactiva, based in Udine (Italy), specialises in the development and production of complex pharmaceutical and bioactive molecules. For some years now, the company has also been producing cosmetic active ingredients using innovative biotechnological processes.



Proven effectiveness:

- ✓ Reduces irritation in sensitive and inflamed skin
- ✓ Strengthens the skin barrier
- ✓ 50% less redness in 30 minutes
- ✓ 45% less TEWL in 30 minutes

Applications:

- Repairing Protective Cream
- Anti-Acne Calming Serum
- Barrier Sheet Mask
- Regulating Soothing Emulsion
- Anti-Redness Treatment Ampoule

INCI (EU/PCPC) Declaration: Glycerin, Phosphate buffered saline, Hydrolyzed vegetable protein, Glyceryl caprylate, Glyceryl undecylenate, Benzyl alcohol

Properties:

- Liquid
- Water soluble
- Cosmos approved, non-GMO
- Recommended use level: 1-2%