

Cartalax

PEPTIDES

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Cartalax is a short peptide bioregulator targeting chondrocytes (cartilage cells) to improve the extracellular matrix balance, joint integrity, and connective tissue resilience. It is widely studied and applied in regenerative medicine, rheumatology, sports medicine, and age-management programs. Ideal for the treatment of osteoarthritis, chondropathy, and degenerative joint disease. Bioregulators, compared to peptides, are comprised of shorter chains of amino acids which, due to their smaller size, have a lower risk of triggering an unwanted immune response. Each bioregulator is tissue-specific and can bind to DNA and regulate gene expression in specific tissues. Whereas larger peptides mainly act through signaling pathways, bioregulators tend to normalize cellular function at the genetic level. Because they can activate or suppress certain genes linked to repair, regeneration, and longevity, their effects are more foundational and long-lasting compared to standard peptides, which usually only act while present during periods of administration. Comprehensive list of benefits from Cartalax use

- Supports the musculoskeletal system: restores, protects, and maintains cartilage integrity, which is vital for joint health, mobility, and skeletal resilience
- Helps maintain normal cartilage density and elasticity while slowing or preventing cartilage degeneration
- Mitigates the symptoms of chronic joint pain and inflammation
- Enhances chondrocyte activity, supporting collagen and proteoglycan synthesis
- Improves joint mobility and flexibility
- Reduces inflammation and stiffness associated with degenerative changes
- Accelerates rehabilitation after sports injuries or orthopedic surgeries
- Protects cartilage from excessive wear and tear in athletes and those in physically demanding professions
- Slows the progression of osteoarthritis and other degenerative joint diseases
- Contributes to spinal health, particularly in age-related disc degeneration
- Promotes connective tissue resilience, supporting healthy posture and movement
- Restores expression of genes responsible for cartilage growth and maintenance
- Stimulates production of structural proteins (e.g. collagen and elastin) and proteoglycans in cartilage
- Reduces breakdown of cartilage matrix under stress or aging
- May reduce cytokine driven inflammation within joints
- Supports cartilage and ligament repair after trauma or surgery
- Helps conditions involving intervertebral disc degeneration
- Enhances tissue resilience under high mechanical load
- Helps protect against age-related cartilage breakdown
- Plays a role in comprehensive musculoskeletal longevity programs

Possible Side Effects

- Injection site reaction (redness, swelling, and/or itching)
- Allergic reactions (rare: resulting from hypersensitivity to peptide components)
- Very mild gastrointestinal discomfort

Interactions

- May interact with anti-inflammatory drugs like NSAIDs and corticosteroids. It is likely that you will not need to take these medications during treatments with Cartalax, as it is most likely to provide superior pain-relief
- May enhance the outcomes of regenerative therapies (e.g. hyaluronic acid, platelet-rich plasma) by supporting cartilage matrix recovery

(synergistic/positive interaction) Contraindications Known allergy or hypersensitivity to peptides or peptide products Do not take if pregnant or breastfeeding Do not take if you have a severe systemic autoimmune disease without prior authorization from your physician Not intended for pediatric use
CARTALAX: 20MG — RECONSTITUTION AND DOSING 10-20 day cycle. Repeat 3-4 times per year.
Subcutaneous Administration Mix with 2mL (200 units) of BAC Standard Protocol 20 units (2mg), 1x/day, for 20 days. Low Dose Protocol 10 units (1mg), 1x/day, for 10-20 days

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