# Cohesion BIOSCIENCES

# Product Data Sheet

## Ac-Choline Receptor Alpha1 (129-145) (Human, Bovine, Mouse, Rat)

| Catalog # | Source | Reactivity | Applications |
|-----------|--------|------------|--------------|
| CCP1735 | Synthetic | | |

| | |
|---|---|
| **Description** | Peptide to Ac-Choline Receptor Alpha1 (129-145) (Human, Bovine, Mouse, Rat) |
| **Biological Description** | This fragment of a conserved sequence in nicotinic acetylcholine receptor activates T helper lymphocytes and induces the production of autoantibodies that cause electrophysiologic signs of experimental autoimmune myasthenia gravis. EIIVTHFPFDEQNCSMK may be useful in the development of a peptide-based antigen-specific immunotherapy of myasthenia gravis. |
| **Form** | Lyophilized powder |
| **CAS Number** | 194737-11-6 |
| **Molecular Formula** | C90H136N22O28S2 |
| **Molecular Weight** | 2038.34 |
| **Purity** | > 95% |
| **Chemical Structure** | Glu - Ile - Ile - Val - Thr - His - Phe - Pro - Phe - Asp - Glu - Gln - Asn - Cys - Ser - Met - Lys |
| **Storage/Stability** | Shipped at 4°C. Store at -20°C for one year. |
| **Structure** | |

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