

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			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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