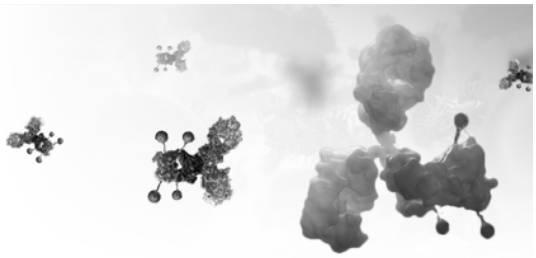

Human CHRNE blocking peptide (CDBP0291)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ACHRE/CHRNE antibody
Antigen Description	Acetylcholine receptors at mature mammalian neuromuscular junctions are pentameric protein complexes composed of four subunits in the ratio of two alpha subunits to one beta, one epsilon, and one delta subunit. The acetylcholine receptor changes subunit composition shortly after birth when the epsilon subunit replaces the gamma subunit seen in embryonic receptors. Mutations in the epsilon subunit are associated with congenital myasthenic syndrome. [provided by RefSeq, Sep 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CHRNE cholinergic receptor, nicotinic, epsilon (muscle) [Homo sapiens (human)]
Official Symbol	CHRNE
Synonyms	CHRNE; cholinergic receptor, nicotinic, epsilon (muscle); ACHRE; CMS1D; CMS1E; CMS2A; FCCMS; SCCMS; acetylcholine receptor subunit epsilon; AchR epsilon subunit; acetylcholine

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	receptor, nicotinic, epsilon (muscle); cholinergic receptor, nicotinic, epsilon polypeptide;
Entrez Gene ID	1145
mRNA Refseq	NM_000080.3
Protein Refseq	NP_000071.1
UniProt ID	Q04844
Chromosome Location	17p13.2
Pathway	Acetylcholine Binding And Downstream Events, organism-specific biosystem; Activation of Nicotinic Acetylcholine Receptors, organism-specific biosystem; ErbB2/ErbB3 signaling events, organism-specific biosystem; Highly sodium permeable acetylcholine nicotinic receptors, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter Recept
Function	acetylcholine receptor activity; acetylcholine-activated cation-selective channel activity; cation transmembrane transporter activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221