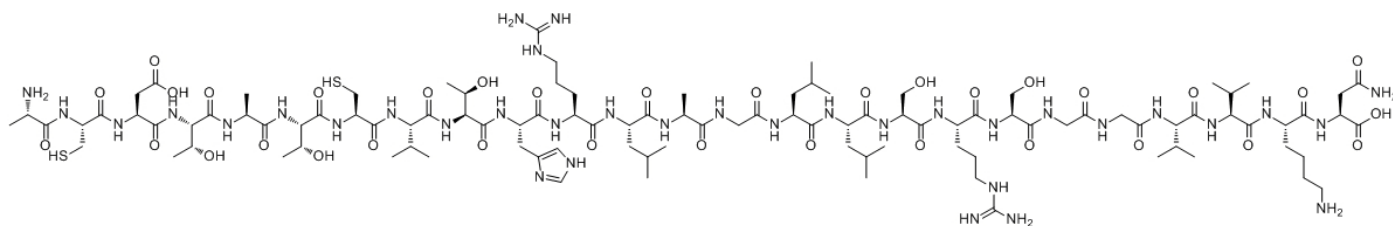


Alpha-CGRP, Human

Catalog #	Source	Reactivity	Applications
CCP1059	Synthetic		
Description	Peptide to Alpha-CGRP, Human		
Biological Description	Endogenous calcitonin gene related peptide agonist. Vasorelaxant, releases nitric oxide and stimulates guanylate cyclase in vivo.		
Form	Lyophilized powder		
CAS Number	90954-53-3		
Molecular Formula	C163H267N51O49S2		
Molecular Weight	3789.33		
Purity	> 95%		
Chemical Structure	Ala - Cys - Asp - Thr - Ala - Thr - Cys - Val - Thr - His - Arg - Leu - Ala - Gly - Leu - Leu - Ser - Arg - Ser - Gly - Gly - Val - Val - Lys - Asn - Asn - Phe - Val - Pro - Thr - Asn - Val - Gly - Ser - Lys - Ala - Phe - NH ₂ (Disulfide bridge Cys2 - Cys7)		
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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