

Corticotropin Releasing Factor, human, rat

Cat. No.: RP10982

Overview

Synonyms	CRF, human, ratCorticotropin-releasing hormone (CRH)
Description	Corticotropin-releasing factor (CRF) has been widely implicated as playing a major role in modulating the endocrine, autonomic, behavioral and immune responses to stress. Corticotropin Releasing Factor (CRF) is a hypothalamic peptide that releases adrenocorticotrophic hormone (ACTH) and endorphin from the anterior pituitary. Corticotropin Releasing Factor (CRF) is also a neurotransmitter in the central nervous system, and is involved in autonomic and endocrine responses to stress.
Cas No	86784-80-7
Sequence	{SER}{GLU}{GLU}{PRO}{PRO}{ILE}{SER}{LEU}{ASP}{LEU}{THR}{PHE}{HIS}{LEU}{LEU}{ARG}{GLU}{VAL}{LEU}{GLU}{MET}{ALA}{ARG}{ALA}{GLU}{GLN}{LEU}{ALA}{GLN}{GLN}{ALA}{HIS}{SER}{ASN}{ARG}{LYS}{LEU}{MET}{GLU}{ILE}{ILE}-NH ₂
Sequence Shortening	SEPPISLDLTFHLLREVLEMARAEQLAQQAHSNRKLMELI-NH ₂
Molecular Formula	C ₂₀₈ H ₃₄₄ N ₆₀ O ₆₃ S ₂
C Terminal	NH ₂
Molecular Weight	4757.45

Properties

Purity	> 95%
Solubility	Soluble in water (1 mg/ml), clear and colorless
Form	Lyophilized
Storage	Store at -20°C