

**Corticotropin Releasing Factor, ovine****Cat. No.:** RP10983-0.5**Size:** 0.5 mg**Alias:** CRFCorticotropin-releasing hormone (CRH)**Description:**

Corticotropin Releasing Factor (CRF) is a hypothalamic peptide that releases ACTH and endorphin from the anterior pituitary. Corticotropin Releasing Factor is also a neurotransmitter in the central nervous system, and is involved in autonomic and endocrine responses to stress.

**Cas No:** 9015-71-8**C-Terminal:** NH<sub>2</sub>**Sequence (one-letter code):**SQEPPISLDLTFHLLREVLEMTKADQLAQQAHNSNRKLLDIA-NH<sub>2</sub>**Sequence (three-letter code):**{SER}{GLN}{GLU}{PRO}{PRO}{ILE}{SER}{LEU}{ASP}{LEU}{THR}{PHE}{HIS}{LEU}{LEU}{ARG}{GLU}{VAL}{LEU}{GLU}{MET}{THR}{LYS}{ALA}{ASP}{GLN}{LEU}{ALA}{GLN}{GLN}{ALA}{HIS}{SER}{ASN}{ARG}{LYS}{LEU}{LEU}{ASP}{ILE}{ALA}-NH<sub>2</sub>**Solubility:** Insoluble in water. Dissolve peptide in 60% Acetonitrile with 0.1% TFA solution followed by water or desired buffer.**Formula:** C<sub>205</sub>H<sub>339</sub>N<sub>59</sub>O<sub>63</sub>S<sub>1</sub>**Molecular Weight:** 4,670.31**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store with desiccant.

**Note:** Corticotropin Releasing Factor (CRF) analog used to prepare iodinated CRF for receptor studies and immunoassay.

\*For Non-Clinical Research Use Only \*

