Product Data Sheet

Product Name: Corticotropin Releasing Factor, CRF, human, rat
Catalog Number: AS-24254 (1 mg)
Lot Number: See label on vial

Sequence:
SEEPPISLDLTFHLLREVLEMARAEQLAQQASHNRKLMEII-NH2 (1-letter code)

Molecular Weight: 4757.5

% Peak Area by HPLC: ≥95

Appearance: Lyophilized white powder

Peptide Reconstitution: Use distilled or higher quality water. Add water directly to the lyophilized peptide powder to obtain a final concentration of approximately 0.5 mg/mL to 1 mg/mL or less. Gently vortex to mix. For peptides that have poor solubility in the suggested solvent, brief sonication may increase solubility in some cases.

Storage: Peptide is shipped at ambient temperature. Upon receipt, store lyophilized powder at –20°C or lower. Reconstituted peptide should be aliquoted into several freezer vials and stored at –20°C or lower. Do not freeze thaw.

Description: The peptide, corticotropin releasing factor (CRF) was first isolated in the mammalian brain that regulates the hypothalamic-pituitary-adrenocortical axis. It also plays a key role in modulating the endocrine, autonomic, and behavioral responses to stress and cardiovascular, gastrointestinal, and immune activities. Ref: Lewis, K. et al. PNAS 98, 7570 (2001); Chen, R. et al. PNAS 90, 8967 (1993).

For Research Use Only