

Technical Data Sheet

Product Name	ACTH (18 - 39), human (CLIP) RPVKVYPNGAEDESAEAFPLEF
Size	1 mg
Catalog #	AS-20619
Purity	% Peak Area By HPLC \geq 95%
Description	This ACTH (18-39) fragment is known as the Corticotropin-like Intermediate Lobe Peptide. It stimulates insulin secretion as well as amylase and protein secretion in a dose-dependent manner similar to those of secretin and carbamylcholine.
Storage	-20°C
References	Ref: Scott, AP. et al. J. Endocrinol. 61, 355 (1974); Bellingham, NA. et al. J. Endocrinol 94, 125 (1982); Marshall, JB. et al. J. Clin. Invest. 74, 1886 (1984); Zaphiropoulos, A. et al. Brain Res. Bull. 26, 99 (1991)
Molecular Weight	2465.7
Sequence (One-Letter Code)	RPVKVYPNGAEDESAEAFPLEF
Sequence (Three-Letter Code)	H - Arg - Pro - Val - Lys - Val - Tyr - Pro - Asn - Gly - Ala - Glu - Asp - Glu - Ser - Ala - Glu - Ala - Phe - Pro - Leu - Glu - Phe - OH
Product Citations	Fu, C. et al. (2009). Elucidation of thioredoxin target protein networks in mouse. <i>Mol. Cell. Proteomics</i> doi:10.1074/mcp.M800580-MCP200. O'Donoghue, A. et al. (2008). Inhibition of a Secreted Glutamic Peptidase Prevents Growth of the Fungus <i>Talaromyces emersonii</i>. <i>J Biol Chem</i> 283, 29186.