

## ACTH (1-39), Mouse, Rat

Catalog #	Source	Reactivity	Applications
CCP1037	Synthetic		
<b>Description</b>	Peptide to ACTH (1-39), Mouse, Rat		
<b>Biological Description</b>	The major regulator of adrenal cortex function. ACTH stimulates the synthesis of steroidal hormones.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	77465-10-2		
<b>Molecular Formula</b>	C <sub>210</sub> H <sub>315</sub> N <sub>57</sub> O <sub>57</sub> S		
<b>Molecular Weight</b>	4582.3		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	H - Ser - Tyr - Ser - Met - Glu - His - Phe - Arg - Trp - Gly - Lys - Pro - Val - Gly - Lys - Lys - Arg - Arg - Pro - Val - Lys - Val - Tyr - Pro - Asn - Val - Ala - Glu - Asn - Glu - Ser - Ala - Glu - Ala - Phe - Pro - Leu - Glu - Phe - OH		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**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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