

## Datasheet: 0178-0409

<b>Description:</b>	SYNTHETIC HUMAN ACTH (aa1-39)
<b>Name:</b>	ACTH (aa1-39)
<b>Other names:</b>	ADRENOCORTICOTROPIC HORMONE
<b>Format:</b>	Purified
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Western Blotting			▪	
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified synthetic ACTH - liquid
<b>Preparation</b>	Solid phase synthesis
<b>Buffer Solution</b>	Trifluoroacetate salt
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	Total protein concentration 1.0 mg/ml

### External Database Links

**UniProt:**  
[P01189](#)    [Related reagents](#)

**Entrez Gene:**

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**Product Information** **Synthetic Human ACTH** is a synthetic peptide corresponding to full-length mature human ACTH, a secreted hormone that stimulates the synthesis and release of corticosteroids from the adrenal cortex.

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**Protein Molecular Weight** 4,541 Da

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**Purity** 98% by HPLC

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**Amino Acid Sequence** SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAAEAFPLEF

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**Storage** Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10240 available at:  
<https://www.bio-rad-antibodies.com/SDS/0178-0409>  
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**Regulatory** For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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