

Datasheet: 0178-0409

BATCH NUMBER 154214

Description:	SYNTHETIC HUMAN ACTH (aa1-39)
Name:	ACTH (aa1-39)
Other names:	ADRENOCORTICOTROPIC HORMONE
Format:	Purified
Product Type:	Antigen
Quantity:	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.

	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.

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

External Database Links

UniProt:

[P01189](https://www.uniprot.org/entry/P01189)

[Related reagents](#)

Entrez Gene:[5443](#) POMC [Related reagents](#)

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.
Protein Molecular Weight	4,541 Da
Purity	98% by HPLC
Amino Acid Sequence	SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAEAFPLEF
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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10240 available at: https://www.bio-rad-antibodies.com/SDS/0178-0409 10240
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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