

Datasheet: 0178-0409

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| 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 the appropriate negative/positive controls.

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| 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 1.0mg/ml |
| External Database Links | <p>UniProt: P01189 Related reagents</p> <p>Entrez Gene: 5443 POMC Related reagents</p> |

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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| Molecular Weight | 4541 Da |
| Purity | HPLC: 98% |
| Amino Acid Sequence | SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAAEAFPLEF |
| Storage | <p>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.</p> |
| Shelf Life | 18 months from date of despatch. |
| Health And Safety Information | <p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10240 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10240.pdf</p> |
| Regulatory | For research purposes only |

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