

Datasheet: 6045-0504

BATCH NUMBER 180313

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| Description: | SYNTHETIC ALPHA MELANOCYTE STIMULATING HORMONE |
| Name: | ALPHA MELANOCYTE STIMULATING HORMONE |
| Other names: | ALPHA MSH |
| Format: | Purified |
| Product Type: | Purified Protein |
| Quantity: | 0.5 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 | ▪ | | | |

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.

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| Product Form | Purified synthetic peptide - liquid |
| Preparation | Synthetic peptide prepared by solid phase synthesis |
| Preservative Stabilisers | None |
| Approx. Protein Concentrations | Total protein concentration 1.0 mg/ml |
| External Database Links | <p>UniProt: P01189 Related reagents</p> <p>Entrez Gene: 5443 POMC Related reagents</p> |
| Product Information | Synthetic alpha-melanocyte stimulating hormone |

Peptide sequence: Ac-SYSMEHFRWGKPV-NH₂. Alpha-MSH is a peptide hormone produced in the anterior pituitary gland involved in melanin production and deposition. It is also associated with the actions and production of proinflammatory cytokines such as TNF- α .

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| Protein Molecular Weight | 1,665 |
| Purity | >95% by HPLC |
| Storage | Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10291 available at: https://www.bio-rad-antibodies.com/SDS/6045-0504 10291 |
| Regulatory | For research purposes only |

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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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