

Product datasheet

Recombinant human Macrophage Inflammatory Protein 3 alpha ab9830

Overview

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| Product name | Recombinant human Macrophage Inflammatory Protein 3 alpha |
| Protein length | Full length protein |

Description

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| Nature | Recombinant |
| Source | Escherichia coli |
| Amino Acid Sequence | |
| Species | Human |
| Molecular weight | 10 kDa |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab9830** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| Applications | Functional Studies SDS-PAGE |
| Endotoxin level | < 0.100 Eu/µg |
| Form | Lyophilised |
| Additional notes | The biological activity of this product is determined by its ability to chemoattract human T cells using a concentration of 10.0-50.0 ng/ml. |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. n/a This product is an active protein and may elicit a biological response in vivo, handle with caution. |
| Reconstitution | Reconstitute in water to a concentration of 0.1-1.0mg/ml. |

General Info

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| Function | Chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. Inhibits proliferation of myeloid progenitors in colony formation assays. May be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. Possesses antibacterial activity E.coli ATCC 25922 and S.aureus ATCC 29213. |
| Tissue specificity | Expressed predominantly in the liver, lymph nodes, appendix, peripheral blood lymphocytes, and fetal lung. Low levels seen in thymus, prostate, testis, small intestine and colon. |
| Sequence similarities | Belongs to the intercrine beta (chemokine CC) family. |
| Post-translational modifications | C-terminal processed forms which lack 1, 3 or 6 amino acids are produced by proteolytic cleavage after secretion from peripheral blood monocytes. |
| Cellular localization | Secreted. |

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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