

Product datasheet

Synthetic Human Macrophage Inflammatory Protein 3 alpha (Animal Free) ab175154

Description

Product name	Synthetic Human Macrophage Inflammatory Protein 3 alpha (Animal Free)	
Purity	> 95 % HPLC.	
Expression system	Synthetic	
Accession	P78556	
Protein length	Full length protein	
Animal free	Yes	
Nature	Synthetic	
Species	Human	
Sequence	ASNFDCCCLGYTDRILHPKFVGVGFTRQLANEGCDINAIIIFHTKK KLSVCAN PKQTWVKYVRLLSKKVKNM	
Predicted molecular weight	8 kDa	
Amino acids	27 to 96	
Description	Synthetic Human Macrophage Inflammatory Protein 3 alpha	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab175154** in the following tested applications.

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

Applications	HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Lyophilized from water/acetonitrile/TFA to generate the TFA salt form.
Reconstitution	It is recommended vials be centrifuged prior to opening. Water can be used to prepare stock solutions of 20 µmol/L. Stock solutions with up to 30% DMSO/water can also be prepared.

General Info

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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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