

Product datasheet

Recombinant Macrophage Inflammatory Protein 1 alpha / CCL3 ab87629

Description

Product name	Recombinant Macrophage Inflammatory Protein 1 alpha / CCL3	
Purity	> 95 % SDS-PAGE. Purified using ion-exchange chromatography	
Expression system	Saccharomyces cerevisiae	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Sequence	VPPGADTPTA CCFSYVSRQI PRKFINDYYE TSSQCCKPAI IFQTKRSRQV CADPSEAWVQ EYVTDLELSA	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab87629** in the following tested applications.

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

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituents: PBS, 10% Trehalose
Reconstitution	Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

General Info

Function	Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).
Sequence similarities	Belongs to the intercrine beta (chemokine CC) family.

Post-translational modifications

N-terminal processed form LD78-alpha(4-69) is produced by proteolytic cleavage after secretion from HTLV1-transformed T-cells.

Cellular localization

Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- 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

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