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## 32-12180: Human Interleukin-16

**Gene :** IL16 **Gene ID :** 3603 **Uniprot ID :** Q14005

Alternative Name: Lymphocyte chemoattractant factor, LCF

## **Description**

Source: Genetically modified E.coli.

Predicted MW:Â Monomer, 13.4 kDa (130 aa)

Interleukin 16 (IL-16) is produced by CD4+ and CD8+ T cells and functions as a chemoattractant for lymphocytes, monocytes, eosinophils, dendritic cells, and Langerhans cells. Additionally, IL-16 upregulates the expression of the interleukin 2 receptor (CD25), modulates T lymphocyte growth, and suppresses the replication of the human immunodeficiency virus (HIV) and simian immunodeficiency viruses (SIV).

## **Product Info**

**Amount :**  $10 \mu g / 100 \mu g$ 

**Purification:** Reducing and Non-Reducing SDS PAGE at >= 95%

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium

**Content:** phosphate, pH 7.5

Sterile water at 0.1 mg/mL

**Storage condition :** Store at -20°C

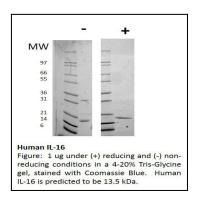
Amino Acid: MPDLNSSTDS AASASAASDV SVESTAEATV CTVTLEKMSA GLGFSLEGGK GSLHGDKPLT INRIFKGAAS

EOSETVOPGD EILOLGGTAM OGLTRFEAWN IIKALPDGPV TIVIRRKSLO SKETTAAGDS

## **Application Note**

**Endotoxin:** Less than 0.1 ng/ $\tilde{A}$  $\square \hat{A}\mu g$  (1 IEU/ $\tilde{A}$  $\square \hat{A}\mu g$ ) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 $\tilde{A}$  $\tilde{A$ 





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