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# Recombinant human IL-16 protein

Catalog Number: ATGP3017

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

502-631aa

#### UniProt No.

014005

#### **NCBI Accession No.**

NP 004504

### **Alternative Names**

Interleukin 16, Lymphocyte chemoattractant factor, LCF, prointerleukin 16, prlL-16

# **PRODUCT SPECIFICATION**

### **Molecular Weight**

13.3 kDa (130aa) confirmed by MALDI-TOF

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. Phosphate-Buffered Saline (pH 7.4)

### **Purity**

> 90% by SDS-PAGE

#### Tag

Non-Tagged

#### **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

Interleukin-16 stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils. It primes CD4+ T-cells for IL-2 and IL-15 responsiveness. Also induces T-lymphocyte expression of interleukin 2 receptor and ligand for CD4. Recombinant human IL16 was expressed in E. coli and purified by using conventional chromatography techniques

# **Amino acid Sequence**

MPDLNSSTDS AASASAASDV SVESTAEATV CTVTLEKMSA GLGFSLEGGK GSLHGDKPLT INRIFKGAAS EOSETVOPGD



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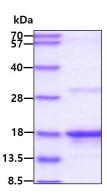
EILQLGGTAM QGLTRFEAWN IIKALPDGPV TIVIRRKSLQ SKETTAAGDS

#### **General References**

Bannert N., et al. (2003) J. Biol. Chem. 278:42190-42199 Burkard T.R. et al.(2011) BMC Syst. Biol. 5:17-17

# **DATA**

## **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

