

Recombinant human IL-16 protein

Catalog Number: ATGP3017

PRODUCT INFORMATION

Expression system

E.coli

Domain

502-631aa

UniProt No.

Q14005

NCBI Accession No.

NP_004504

Alternative Names

Interleukin 16, Lymphocyte chemoattractant factor, LCF, prointerleukin 16, prIL-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 EQSETVQPGD

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EILQLGGTAM QGLTRFEAWN IIKALPDGPV TIVIRRKSLQ SKETTAAGDS

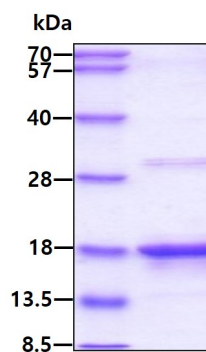
General References

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.