

IL16, 502-631aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02612

3th Edition

Synonyms:IL-16, Lymphocyte chemoattractant factor (LCF)

Description:Interleukin-16 (IL16) is an immunomodulatory cytokine, which induces lymphocyte migration, expression of proinflammatory IL-1?, IL6 and tumour necrosis factor-alpha (TNF?), and modulates apoptosis. This protein is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM PMSF,10% glycerol

Molecular Weight:15.5kDa (150aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMPDLNSSTDSAASASAASDVSVESTAEATVCTVTLEKMSAGLGFSLEGGKGS
LHGDKPLTINRIFKGAASEQSETVQPGDEILQLGGTAMQGLTRFEAWNIIKALPDGPVTIVIRRKSLQSKETTAAGDS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.