

IL16, 502-631aa, Human, E.coli

Cat.NO.: TP02611

3th Edition

Synonyms: Interleukin 16, LCF, NIL16, prIL-16, PRIL16

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

Form: Liquid. In Phosphate buffered saline (pH7.4)

Molecular Weight: 13.3 kDa (130aa) confirmed by MALDI-TOF

Sequences:

MPDLNSSTDSAASASAASDVSVESTAEATVCTVTLEKMSAGLGFSLGEGGKGSLSLHGDKPLTINRIFKGAASEQSETV
QPGDEILQLGGTAMQGLTRFEAWNIIKALPDGPVTIVIRRKSLQSKETTAAGDS

Purity: > 95% by HPLC

Concentration: 0.5 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.