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## Datasheet for ABIN7455617

**IL16 Protein**

## Overview

Quantity:	50 µg
Target:	IL16
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

## Product Details

Purpose:	Recombinant Human Interleukin-16 is produced by our E.coli expression system and the target gene encoding Met1-Ser130 is expressed.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	IL16
Alternative Name:	IL-16 ( <a href="#">IL16 Products</a> )
Background:	<p>Pro-Interleukin-16, Interleukin-16, IL-16, Lymphocyte Chemoattractant Factor, LCF, IL16</p> <p>Description: Interleukin-16 (IL-16) is a CD8 T cell-derived cytokine that induces chemotaxis of CD4 T cells and CD4 monocytes and eosinophils. Analysis by gel filtration suggests that, under physiological conditions, human IL-16 exists predominantly as a noncovalently linked multimer, but that some IL-16 may exist as a monomer. However, only the multimeric form appears to possess chemotactic activity, suggesting that receptor cross-linking may be required for activity. IL-16 also induces expression of IL-2 receptor (IL-2R) and MHC class II molecules on</p>

## Target Details

CD4 T cells. Human and murine IL-16 show significant cross-species reactivity.

Molecular Weight: 13.4 KDa

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.0.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months