9051 Mira Mesa Blvd, #910094
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# IL 16 Human, His

*Interleukin-16 Human Recombinant, His Tag*
*CYK0260*

## Product Overview

| | |
|---|---|
| Name | IL 16 Human, His |
| **Description** | |
| Interleukin-16 Human Recombinant, His Tag | |
| Accession (Primary) | Q14005 |
| **Synonyms** | |
| IL16, Interleukin-16, LCF, Lymphocyte Chemoattractant Factor, prIL-16, IL-16, FLJ16806, FLJ42735, FLJ44234, HsT19289. | |
| **Introduction** | |
| IL-16 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 IL-16 is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. IL-16 functions exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene. IL-16 stimulates a migratory response in cd4+ lymphocytes, monocytes, and eosinophils. Also induces t-lymphocyte expression of interleukin 2 receptor, ligand for cd4. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered solution. | |
| **Formulation** | |
| IL-16 His tag protein (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM PMSF & 10% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles. | |
| **Purity** | |
| Greater than 95.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MPDLNSSTDS AASASAASDV SVESTAEATV CTVTLEKMSAGLGFSLEGGK | |

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GSLHGDKPLT INRIFKGAAS EQSETVQPGD EILQLGGTAM QGLTRFEAWN IIKALPDGPV TIVIRRKSLQ SKETTAAGDS.

**Precautions**

IL 16 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q14005 )