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# 32-12181: Mouse Interleukin-16

| | |
|---|---|
| **Gene :** | Il16 |
| **Gene ID :** | 16170 |
| **Uniprot ID :** | O54824 |
| **Alternative Name :** | Lymphocyte chemoattractant factor, LCF |

## Description

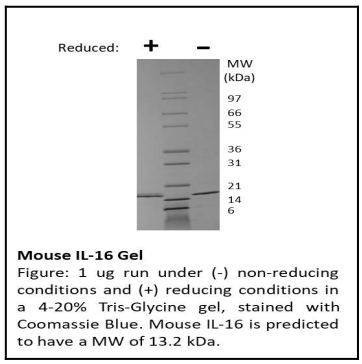
**Source:** Genetically modified E.coli.
**Predicted MW:**Â Monomer, 13.2 kDa (127 aa)
Â Interleukin 16 (IL-16) is produced by CD4+ and CD8+ T cells and functions as a chemoattractant for lymphocytes, monocytes, eosinophils, dendritic cells, and Langerhans cells.Â  Additionally, IL-16 upregulates the expression of the interleukin 2 receptor (CD25), modulates T lymphocyte growth, and suppresses the replication of the human immunodeficiency virus (HIV) and simian immunodeficiency viruses (SIV).

## Product Info

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|---|---|
| **Amount :** | 10 µg / 100 µg |
| **Purification :** | Reducing and Non-Reducing SDS PAGE at >= 95% |
| **Content :** | Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5<br>Sterile water at 0.1 mg/mL |
| **Storage condition :** | Store at -20°C |
| **Amino Acid :** | MHDLNSSTDS AASASAASDI SVESKEATVC TVTLEKTSAG LGFSLEGGKG SLHGDKPLTI NRIFKGDRTG EMVQPGDEIL QLAGTAVQGL TRFEAWNVIK ALPDGPVTIV IRRTSLQCKQ TTASADS |

## Application Note

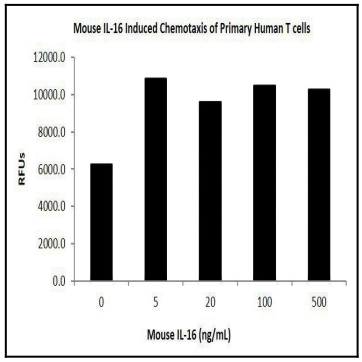
**Endotoxin:** Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80ÃÂ°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss. ÃÂ ÃÂ




**Mouse IL-16 Gel**
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse IL-16 is predicted to have a MW of 13.2 kDa.

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