

## Recombinant Mouse Il16 Protein, His-Tagged

Cat. No. II16-01M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Il16 Protein, His-tagged was expressed in E. coli cell
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	<p>Interleukin 16 (IL-16) is a cytokine that is released by a variety of cells (including lymphocytes and some epithelial cells) that has been characterized as a chemoattractant for certain immune cells expressing the cell surface molecule CD4. The protein encoded by this gene 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. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins.</p>
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MHDLNSSTDSAASASAASDISVESKEATVCTVTLEKTSAGLGFSLGEGGKGSLSHGDKP            LTINRIFKGDRTGEMVQPGDEILQLAGTAVQGLTRF            EAWNVIKALPDGPPVTIVIRRTSLQCKQTTASADS with polyhistidine tag at the C-terminus</p>
<b>Endotoxin</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. Ni-NTA chromatography

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<b>Storage Buffer</b>	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Notes</b>	Please use within one month after protein reconstitution.

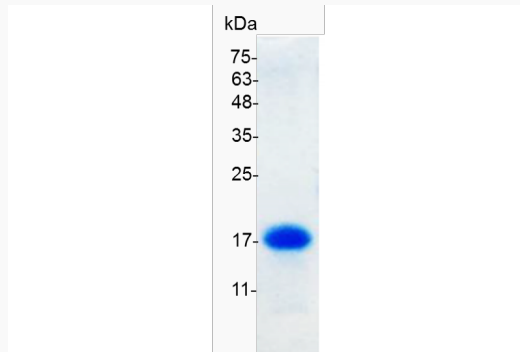
## GENE INFORMATION

<b>Gene Name</b>	Il16 interleukin 16 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Il16
<b>Synonyms</b>	mKIAA4048
<b>Gene ID</b>	16170
<b>mRNA Refseq</b>	NM_001360087.1
<b>Protein Refseq</b>	NP_001347016.1
<b>UniProt ID</b>	O54824

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