

Recombinant Mouse Il16 Protein (His499-Ser624), C-His tagged, Animal-free, Carrier-free

Cat. No. II16-51M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il16 Protein (His499-Ser624) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	His499-Ser624
Description	Interleukin 16 (IL-16) predicts a molecular mass of 13.5 kDa, 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, and signaling process of this cytokine is mediated by CD4.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 14.04 kDa. The protein migrates about 17 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>95% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at:

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-20 centigrade for 12 months in lyophilized state from date of receipt.
 -20 or -80 centigrade for 1 month under sterile conditions after reconstitution.
 Avoid repeated freeze/thaw cycles.

Storage Buffer Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Reconstitution It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name [IL16 interleukin 16 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [IL16](#)

Synonyms IL16; interleukin 16; pro-interleukin-16; mKIAA4048; KIAA4048;

Gene ID [16170](#)

mRNA Refseq [NM_010551](#)

Protein Refseq [NP_034681](#)

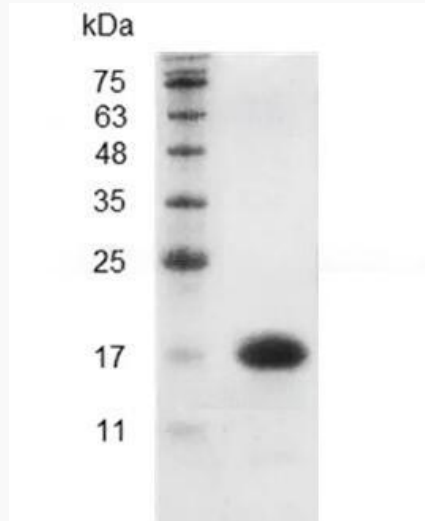
UniProt ID [O54824](#)

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**SDS-PAGE analysis
of recombinant
mouse IL-16.**



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