

重组小鼠白介素16(IL-16)

IL-16, Recombinant Mouse Interleukin-16(N-6His)

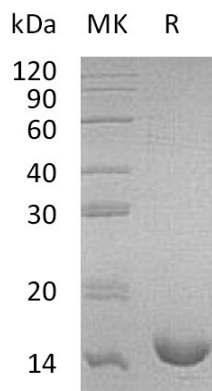
Cat. No.: MA1394-1 Size: 10μg

Source:	E.coli
Description:	Recombinant Mouse Interleukin-16 is produced by our E.coli expression system and the target gene encoding Ser1205-Ser1322 is expressed with a 6His tag at the N-terminus.
Accession:	O54824
Known As:	Pro-interleukin-16; Interleukin-16; Lymphocyte chemoattractant factor; LCF
Predicted Mol Mass:	14.5 KDa
Apparent Mol Mass:	14-16 KDa, reducing conditions
Endotoxin:	< 1 EU/μg as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate, 50mM NaCl, 6% Trehalose, 2% Mannitol, 0.05% Tween80, pH5.3.
Reconstitution:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Background:	Mouse interleukin-16(IL-16) is a single chain non-glycosylated polypeptide. IL-16 is widely expressed in human tissues including spleen, thymus, lymph nodes, peripheral leukocytes, bone marrow and cerebellum. IL-16 plays an important role in stimulating a migratory response in CD4+ lymphocytes, monocytes, and eosinophils, inducing T-lymphocyte expression of interleukin 2 receptor. It was originally identified as a CD8+ T cell-derived chemoattractant for CD4+ cells. In addition to its chemotactic properties, IL-16 has also been shown to suppress HIV-1 replication in vitro and appears to be involved in transcriptional regulation of SKP2 and is probably part of a transcriptional repression complex on the core promoter of the SKP2 gene. It may act as a scaffold for GABPB1 (the DNA-binding subunit of the GABP transcription factor).



complex) and HDAC3 thus maintaining transcriptional repression and blocking cell cycle progression in resting T-cells.

Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE.

S250101

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