Active Recombinant Mouse Il17f Protein (Arg29-Ala161), C-His tagged, Animal-free, Carrier-free

Cat. No. Il17f-115M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il17f Protein (Arg29-Ala161) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Arg29-Ala161
Description	Interleukin 17F (IL-17F) predicts a molecular mass of 30.1 kDa, is a cytokine of innate and adaptive immune system involved in maintenance of tissue integrity and antimicrobial host defense against infection by inducing the expression of genes that encode other proinflammatory cytokines, such as tumor necrosis factor, interleukin 1, interleukin 6 and some members of the colony-stimulating factor family.
Form	Lyophilized
Bio-activity	Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED50 for this effect is < 100 ng/mL.
Molecular Mass	The protein has a calculated MW of 15.82 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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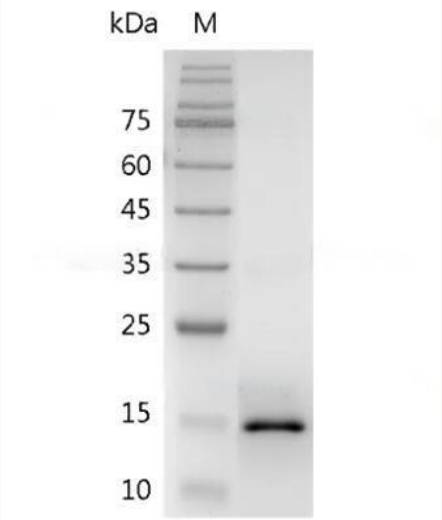
Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution containing 20 mM sodium citrate, pH 4.5.
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	Il17f interleukin 17F [Mus musculus (house mouse)]
Official Symbol	Il17f
Synonyms	IL17F; interleukin 17F; interleukin-17F; C87042; IL-17F;
Gene ID	257630
mRNA Refseq	NM_145856
Protein Refseq	NP_665855
UniProt ID	Q7TNI7

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SDS-PAGE analysis of recombinant mouse IL-17F.



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