Active Recombinant Mouse Il17f, Met-tagged

Cat. No. Il17f-403M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il17f (Accession # AAM77568) Arg21-Ala153, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Mouse
Source	E.coli
ProteinLength	21-153 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured by its ability to bind mouse IL-17 RC in a functional ELISA with an estimated KD < 3 nM. Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells. Yao, Z. et al. (1995) Immunity 3:811.The ED50 for this effect is typically 20-120 ng/mL.
Molecular Mass	Recombinant Mouse Il17f, Met-tagged has a calculated MW of 15 kDa (monomer). In SDS-PAGE migrates as 16 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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	lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).
Reconstitution	Reconstitute at 100 g/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Il17f interleukin 17F [Mus musculus]
Official Symbol	Il17f
Synonyms	IL17F; interleukin 17F; interleukin-17F; C87042; IL-17F;
Gene ID	257630
mRNA Refseq	NM_145856
Protein Refseq	NP_665855
MIM	

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