

Active Recombinant Mouse Interleukin 17D

Cat. No. IL17d-645M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL17d protein was expressed in E. coli. Ala25-Arg205.
Species	Mouse
Source	E.coli
Protein Length	25-205 a.a.
Description	The Interleukin 17 (IL-17) family proteins, comprising six members (IL-17, IL-17B through IL-17F), are secreted, structurally related proteins that share a conserved cysteine-knot fold near the C-terminus, but have considerable sequence divergence at the N-terminus. With the exception of IL-17B, which exists as a non-covalently linked dimer, all IL-17 family members are disulfide-linked dimers. IL17 family proteins are pro-inflammatory cytokines that induce local cytokine production and are involved in the regulation of immune functions.
Form	Lyophilized from a 0.2 um filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
N-terminal Sequence	Ala25
Molecular Weight	20 kDa (monomer)
Activity	Measured by its ability to bind rmIL17-BR/Fc Chimera in a functional ELISA.

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Endotoxin Level	<1.0EU per 1µg of the protein by the LAL method.
Purity	>95%,by SDS-PAGE under reducing conditions and visualized by silver stain.
Reconstitution	Reconstitute at 100µg/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -70°C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Il17d interleukin 17D [Mus musculus]
Official Symbol	Il17d
Synonyms	Il17d; interleukin17D; Il27a; IL-17D; AI462269; interleukin 27A
Gene ID	239114
mRNA Refseq	NM_145837
Protein Refseq	NP_665836
UniProt ID	Q8K4C4
Chromosome Location	14
Function	molecular_function

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