



# Recombinant Mouse IL-17D

20200309DS



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>M10-234</b>
Size:	25 µg
Lot. No.:	According to product label

### Sequence

```
MAGALRTGRR PARPRDCADR PEELLEQLYG RLAAGVLSAF  
HHTLQLGPRE QARNASCPAG GRAADRRFRP PTNLRVSPW  
AYRISYDPAR FPRYLPEAYC LCRGCLTGLY GEEDFRFRST  
PVFSPAVVLR RTAACAGGRS VYAEHYITIP VGCTCVPEPD  
KSADSANSSM DKLLLGPADR PAGR
```

### Database References

<b>Uniprot ID:</b>	Reviewed Data Unavailable
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## Scientific Background

<b>Gene-ID (NCBI):</b>	239114
<b>Synonyms:</b>	Interleukin-17D

IL-17D is a disulfide-linked homodimer of two 185 amino acid polypeptide chains. It belongs to the IL-17 family of structurally-related cytokines that share a highly conserved C-terminal region, but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17D has the ability to stimulate the production of IL-6, IL-8 and GM-CSF, and inhibits hemopoiesis of myeloid progenitor cells in colony-forming assays. Recombinant Murine IL-17D is a 20.2 kDa protein consisting of 184 amino acid residues.

## Product Specifications

<b>Expressed in</b>	E.coli
<b>Purity</b>	≥ 95% by SDS-PAGE gel and HPLC analyses.
<b>Endotoxin level</b>	< 0.1 ng/µg of protein (<1EU/µg)
<b>Formulation</b>	lyophilized
<b>Length (aa):</b>	184
<b>MW:</b>	20.2 kDa



**AVOID REPEATED FREEZE AND THAW CYCLES!**

**Biological Activity:** Determined by its ability to bind murine IL-17RB Fc Chimera in a functional ELISA.