

## Recombinant Murine Interleukin-17F (rm IL-17F)

Murine **Interleukin-17F**, a member of the IL-17 family of structurally related cytokines, has been shown to stimulate proliferation and activation of T-cells and PBMCs. IL-17F also regulates cartilage matrix turnover and inhibits angiogenesis.

Recombinant murine IL-17F is a disulfide-linked homodimer of 30 kDa, consisting of two 134 amino acid residue chains.

<b>Synonyms :</b>	none
<b>Source:</b>	<i>Escherichia coli</i>
<b>AA Sequence:</b>	MRKNPKAGVP ALQKAGNCPD LEDNTVRVDI RIFNQNQGIS VPREFQNRSS SPWDYNITRD PHRFPSEIAE AQCRHSGCIN AQGQEDSTMN SVAIQQEILV LRREPQGCSN SFRLEKMLLK VGCTCVKPIV HQAA
<b>Formulation:</b>	Lyophilisate from a 0.22 µm filtered carrier free solution in 25 mM sodium phosphate, pH 6.8 + 200 mM NaCl.
<b>Reconstitution:</b>	Reconstitute in sterile endotoxin free water not less than 100 µg/ml
<b>Stability:</b>	The lyophilized protein is stable for at least 2 years at -20°C. Reconstituted rm IL-17F is stable for at least 3 months when stored in concentrated working aliquots (100 ng/µl or higher) at -20°C. Avoid repeated freeze/thaw cycles.
<b>Biological Activity:</b>	Determined by dose-dependent stimulation of IL-6 secretion of human fibroblasts
<b>Purity:</b>	98% (verified by SDS-PAGE / silver stain)
<b>Endotoxicity:</b>	The endotoxin level is less than 0.1 ng per µg (1EU/µg) determined by LAL method
<b>Order N°:</b>	rm IL-17F+Size available sizes: 5 µg, 25 µg, 100 µg

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