

## Recombinant Rat Interleukin-17F (r-IL-17F)

CATALOG #:	4178F-25	25 µg
	4178F-100	100 µg
	4178F-1000	1 mg
LOT #:	<hr/>	
SOURCE:	<i>E. coli</i>	
PURITY:	> 98% by SDS-PAGE and RP-HPLC analysis Endotoxin level is < 0.01 ng per µg of rr- IL-17F.	
MOL. WEIGHT:	14.9 kDa	
FORM:	Lyophilized with no additives.	

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in sterile water to a concentration of 0.1 mg/ml. The solution can then be diluted into other aqueous buffers.

### STORAGE CONDITIONS:

The lyophilized product is very stable at -20 °C. Upon reconstitution the material should be aliquoted and frozen at -20 °C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

### DESCRIPTION:

Recombinant Rat IL-17F produced in *E.coli* is a homodimeric, non-glycosylated polypeptide chain containing a total of 133 amino acids and having a molecular mass of 14.9 kDa.

### Biological Activity:

IL-17F is fully bioactive when compared to a known standard. The ED<sub>50</sub> as determined by the dose-dependant induction of IL-6 in NHDF is 1.94 ng/ml.

### AA Sequence:

MARRNPKVGL SALQKAGNCP PLEDNSVRVD IRIFNQNGGI SVPRDFQNRS SSPWD  
YNITR DPDRFPSEIA EAQCRHSGCI NAQQQEDGSM NSV PIQQEIL VLRREPQGC  
NSFRLEKMLI KVGCTCVTPV VHH AA

**FOR RESEARCH USE ONLY! Not to be used in humans.**

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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#### Signal Transduction

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- Akt & JNK Activity Assay Kits
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- CETP Activity Assay & Drug Discovery Kits
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- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
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