

## Interleukin-17F/IL-17F Recombinant Protein | IL-17F recombinant protein

Recombinant Human Interleukin-17F/IL-17F Protein

|                               |                       |
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| CATALOG #<br><b>AAA174019</b> | HOST<br><b>E.coli</b> |
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### PRODUCT SYNONYMS

Interleukin-17F/IL-17F; Recombinant Human Interleukin-17F/IL-17F Protein; Interleukin-17F; IL-17F; Cytokine ML-1; Interleukin-24; IL-24; IL17F; IL24; IL-17F recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E.coli                                                                                                                                                                                                                                                     |
| Purity/Purification     | >95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                   |
| Form/Format             | Lyophilized from a 0.2 mum filtered solution of 20mM PB, pH 7.4.                                                                                                                                                                                           |
| Species                 | Human                                                                                                                                                                                                                                                      |
| Sequence                | Arg31-Gln163                                                                                                                                                                                                                                               |
| Endotoxin               | < 1.0 EU per ug as determined by the LAL method.                                                                                                                                                                                                           |
| Reconstitution          | Centrifuge tubes before opening.Do not mix by vortex or pipetting. It is recommended that sterile water (70 ul) be added to the vial to prepare a stock solution of 0.15mg/mL. Concentration is measured by UV-Vis.                                        |
| Preparation and Storage | Shipping: Blue Ice<br><br>Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.<br>Reconstituted protein solution can be stored at 4-8°C for 2-7 days.<br>Aliquots of reconstituted samples are stable at < -20°C for 3 months. |

### ADDITIONAL INFORMATION

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| Related Product Information for IL-17F recombinant protein | Interleukin-17 is a potent pro-inflammatory cytokine produced by activated memory T cells. There are at least six members of the IL-17 family in humans and in mice. Today, IL-17 represents a 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-17F also regulates cartilage matrix turnover and inhibits angiogenesis. |
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### NCBI AND UNIPROT INFORMATION

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| NCBI GI #                 | 16418375                                                        |
| NCBI GeneID               | 112744                                                          |
| NCBI Accession #          | NP_443104.1                                                     |
| NCBI GenBank Nucleotide # | NM_052872.3                                                     |
| UniProt Accession #       | Q96PD4; Q6NSI0; Q7Z6P4; Q96PI8; Q9NUE6                          |
| Molecular Weight          | Molecular Mass: 15 kDa<br>Actual Protein Molecular Mass: 15 kDa |
| NCBI Official Full Name   | interleukin-17F                                                 |

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI Official Synonym Full Names | interleukin 17F           |
| NCBI Official Symbol             | IL17F                     |
| NCBI Official Synonym Symbols    | ML1; ML-1; CANDF6; IL-17F |
| NCBI Protein Information         | interleukin-17F           |
| UniProt Protein Name             | Interleukin-17F           |
| UniProt Gene Name                | <b>IL17F</b>              |
| UniProt Synonym Gene Names       | IL-17F                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il17f-recombinant-protein-e-coli/174019>