

## Interleukin-17F Mouse Recombinant

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| <b>Item Number</b>                       | rAP-0627  |
| <b>Synonyms</b>                          | Cytokine ML-1, IL-17F, Interleukin-17F precursor, IL17F, ML1, ML-1.   |
| <b>Description</b>                       | IL17F Mouse Recombinant produced in E.Coli is a homodimeric, non-glycosylated polypeptide chain containing a total of 266 amino acids and having a molecular mass of 29.8 kDa. The Mouse IL-17F is purified by proprietary chromatographic techniques.  |
| <b>Uniprot Accesion Number</b>           | Q7TNI7  |
| <b>Amino Acid Sequence</b>               | RKNPKAGVPALQKAGNCPPLEDNTVRVDIRIFNQNQGISVPREFQNRSSSPWDYNITRD-PHRFPSEIAEAQCRHSGCINAQQQEDSTMNSVAIQQEILVLRREPQGCSNSFRLEKMLLKVGCTCVKPIVHQAA.   |
| <b>Source</b>                            | Escherichia Coli.   |
| <b>Physical Appearance and Stability</b> | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Murine IL17F although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL17F should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles. |
| <b>Formulation and Purity</b>            | IL17F was lyophilized from a concentrated (1mg/ml) solution containing no additives. Greater than 97.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.   |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        | It is recommended to reconstitute the lyophilized Mouse IL17F in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.  |
| <b>Biological Activity</b>               |   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**