

Recombinant Rat Interleukin-17A

#R00310

Size: 5 µg/100 µg/500 µg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

AVLIPQSSVCPNAEANNFLQNVKVNLIKVINSLSSKASS
RRPSDYLNIRSTSPWTLSRNEDPDRYPSVIWEAQCR
HQRVCNAEGKLDHHMNSVLIQQEILVLKREPEKCPFT
FRVEKMLVGVGCTCVSSIVRHAS

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 4 mM HCl to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	Q61453
Unigene	Rn.218513.
Species	Rat
Source	Escherichia coli.
Molecular Weight	Approximately 30.0 kDa, a disulfide-linked homodimer of two 133 amino acid polypeptide chains.
Purity	> 95 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 1.0 ng/ml, corresponding to a specific activity of > 1.0 × 10 ⁶ IU/mg.
Physical	Sterile Filtered White Lyophilized

Appearance	(freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2 × PBS, pH 6.5.
Endotoxin	Less than 0.1 EU/µg of rRtIL-17A as determined by LAL method.