

Recombinant Human Interleukin-17B

#R00057

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

MQPRSPKSKRKGQGRPGPLAPGPHQVPLDLVSRMK
PYARMEEYERNIEEMVAQLRNSSSELAQRKCEVNLQL
WMSNKRSLSPWGYSINHDPSTRIPVDLPEARCLCLGC
VNPFTMQEDRSMVSVPVFSQVPVRRRLCPPPPRTG
PCRQRAVMETIAVGCTCIF

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA 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	Q9UHF5
GeneID	27190
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 36.5 kDa, a non-disulfide-linked homodimer of two 161 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-8 secretion of human HepG2 cells is less than 1.0 µg/ml, corresponding to a specific activity of > 1000 IU/mg.
Physical	Sterile Filtered White Lyophilized

Appearance	(freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4, with 0.1 % Tween-20 and 3 % Trehalose.
Endotoxin	Less than 0.1 EU/µg of rHuIL-17B as determined by LAL method.