



CERTIFICATE OF ANALYSIS

TrueKine™ Recombinant Human IL-15 Protein

RUO

Powder

(Catalog Number 301-138P-010)

Lot Number: G426063

Origin: United States

Manufacture Date: Aug2025

Storage Temperature: ≤ -20°C

Product Expiry: Aug2030

Source: Human Embryonic Kidney cells (HEK293). HEK293-derived IL-15 protein.

For research use only. Not for direct therapeutic use.

Test	Methodology	Specification	Analysis
Activity (EC50)	Dose-dependent induction of alkaline phosphatase production in a HEK293 reporter cell line	0.01-0.15 ng/mL in reporter assay	0.128 ng/mL in reporter assay
Specific Activity	Calibrated against IL-15 reference standard 95/554 (NIBSC cat no: 95/554). Reference use only	≥3.50 x 10 ⁷ IU/mg	7.43 x 10 ⁷ IU/mg
Molecular Mass	SDS-PAGE	12 to 24 kDa reduced, 11 to 23 kDa non-reduced, monomer, glycosylated	12 to 24 kDa reduced, 11 to 23 kDa non-reduced, monomer, glycosylated
Purity	SDS-PAGE	>95%	99.6%
Endotoxin	LAL	<1 EU/μg	<0.005 EU/μg

Preparation: Lyophilized from 0.889 mg/mL of a 0.2μm filtered solution in 50 mM Acetate pH 4.0 + 150 mM NaCl. Reconstitution is recommended at 0.2 mg/mL using sterile 1x PBS with 0.1% HSA.

Stability & Storage The lyophilized product is stable until expiry date when stored at -20°C to -80°C or 2 weeks when stored at room temperature. Reconstituted material is stable for 6 months when stored at -20°C to -80°C or 3 weeks when stored at 4°C.

Transportation: This product is shipped at ambient temperature. Immediately upon receipt, store at the recommended storage temperature.



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The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and it has been confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Sofia Tang
Name

29 SEP 2016
Date

QC Associate II
Title