

Version :03
Update : 05/15/2022

CERTIFICATE OF ANALYSIS

Product Information

Pruct Name	VEGF164, Mouse (P. pastoris-expressed)
Cat. No.	Z02690
Lot No.	P50011312
Size:	Specified on product label
Formulation:	Lyophilized after extensive dialysis against 25 mM HEPES, 150 mM NaCl, pH 7.0.
Reconstitution:	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O up to 100 µg/ml.
Stability & Storage:	Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

Quality Control

Test Items	Specifications	Results
Appearance	White Freeze-dried Powder	Pass
Purity	> 97% as analyzed by SDS-PAGE	Pass
Endotoxin Level	< 1 EU/µg of protein by gel clotting method	Pass
Biological Activity	ED ₅₀ < 6.0 ng/ml, measured by the dose-dependent stimulation of the proliferation of HUVEC cells, corresponding to a specific activity of > 1.7 × 10 ⁵ units/mg.	Pass

Date: 02/20/2023

Approved by: *Xiangbin Yang (H)*

Quality Department

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