

Active Recombinant Mouse Vegfb

Cat. No. Vegfb-254M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vegfb (Accession # AAC52553) Pro22-Lys188 was produced in E. coli-derived.
Species	Mouse
Source	E.coli
ProteinLength	22-188 a.a.
Predicted N Terminal	Pro22
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rrNeuropilin-1/Fc Chimera at 4 µg/mL (100 µL/well) can bind rmVEGF-B167 with a linear range of 0.8 - 50 ng/mL.
Molecular Mass	Recombinant Mouse Vegfb has a calculated MW of 19 kDa (monomer).
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name Vegfb vascular endothelial growth factor B [Mus musculus]

Official Symbol Vegfb

Synonyms VEGFB; vascular endothelial growth factor B; VEGF-related factor; Vrf; VEGF-B;

Gene ID 22340

mRNA Refseq NM_001185164

Protein Refseq NP_001172093

MIM

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