

DESCRIPTION

Source *Spodoptera frugiperda*, Sf 21 (baculovirus)-derived
Ala27 - Arg191
Accession # NP_001165097

N-terminal Sequence Analysis Ala27

Structure / Form Disulfide-linked homodimer

Predicted Molecular Mass 19.2 kDa (monomer)

SPECIFICATIONS

SDS-PAGE 20-22 kDa, reducing conditions
39-42 kDa, non-reducing conditions

Activity Measured in a cell proliferation assay using HUVEC human umbilical vein endothelial cells. Conn, G. *et al.* (1990) Proc. Natl. Acad. Sci. USA 87:1323.
The ED₅₀ is 1.0-6.0 ng/mL.

Endotoxin Level <0.01 EU per 1 µg of the protein by the LAL method.

Purity >97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

PREPARATION AND STORAGE

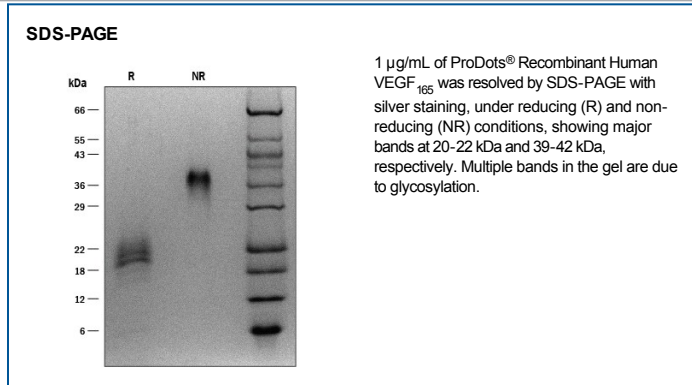
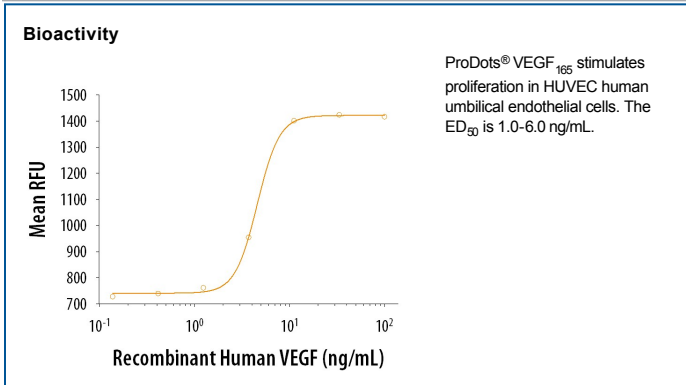
Reconstitution For a stock solution, reconstitute at 100 µg/mL in sterile PBS or at 500 µg/mL in sterile 4 mM HCl. For immediate use, simply roll ProDot® directly into cell culture medium.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**

- 6 months from date of receipt at room temperature as supplied.
- 12 months from date of receipt at 2-8 °C as supplied.
- 1 month at 2-8 °C under sterile conditions after reconstitution.
- 3 months at -20 to -80 °C under sterile conditions after reconstitution.

DATA



PRODUCT SPECIFIC NOTICES

726249.1