

**DESCRIPTION**

**Source** *E. coli*-derived  
Ser82 - Thr190  
Accession # Q6FHE7

**N-terminal Sequence Analysis** Ser82

**Structure / Form** Disulfide-linked homodimer

**Predicted Molecular Mass** 12.3 kDa (monomer)

**SPECIFICATIONS**

**SDS-PAGE** 12 kDa, reducing conditions

**Activity** Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. Raines, E.W. *et al.* (1985) *Methods Enzymol.* **109**:749. The ED<sub>50</sub> for this effect is 1.5-6.0 ng/mL.

**Endotoxin Level** <0.10 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**

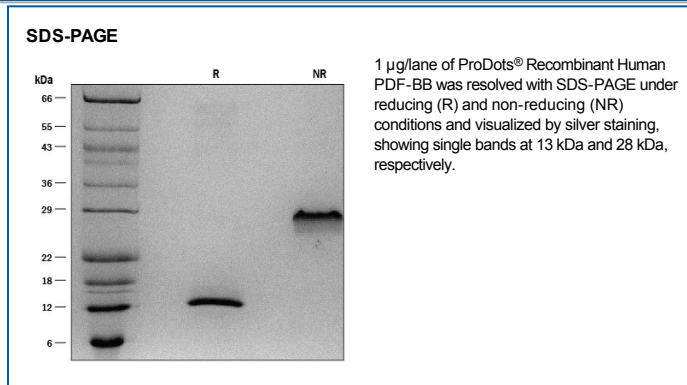
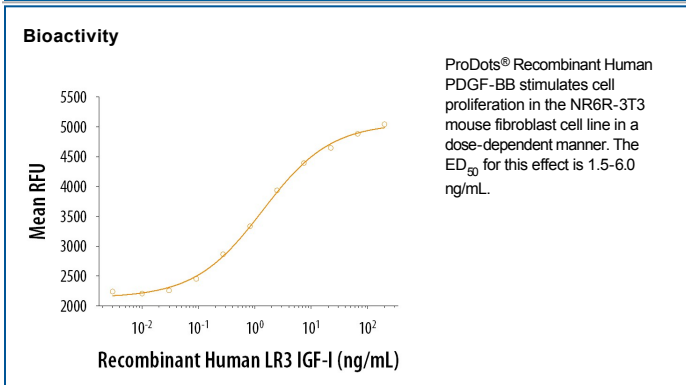
**Reconstitution** For a stock solution, reconstitute at 100 µg/mL in sterile 4 mM HCl, or simply roll ProDot® directly into cell culture medium for immediate use.

**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**

726247.1