

DESCRIPTION

Source *E. coli*-derived
Asn971 - Arg1023, with an N-terminal Met
Accession # P01133

N-terminal Sequence Analysis Met

Predicted Molecular Mass 6 kDa

SPECIFICATIONS

SDS-PAGE 6 kDa, reducing conditions

Activity Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. Rubin, J.S. *et al.* (1991) Proc. Natl. Acad. Sci. USA 88:415.
The ED₅₀ for this effect is 20-100 pg/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 500 µg/mL in sterile PBS, or simply roll ProDot® directly into cell culture medium for immediate use.

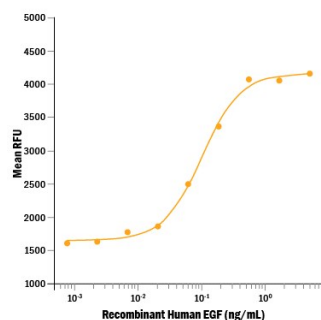
Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

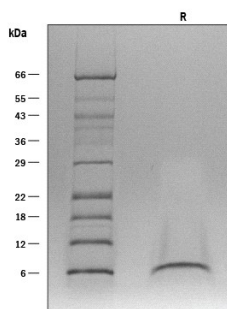
DATA

Binding Activity



ProDots® Recombinant Human EGF stimulates cell proliferation of the Balb/3T3 mouse embryonic fibroblast cell line. The ED₅₀ for this effect is 20-100 pg/mL.

SDS-PAGE



1 µg/lane of ProDots® Recombinant Human EGF was resolved with SDS-PAGE under reducing (R) conditions and visualized with silver staining, showing a single band at 6 kDa.

PRODUCT SPECIFIC NOTICES

726219.1