

DESCRIPTION

Source Chinese Hamster Ovary cell line, CHO-derived
Ala279 - Ser390
Accession # P01137

N-terminal Sequence Analysis Ala279

Structure / Form Disulfide-linked homodimer

Predicted Molecular Mass 12.8 kDa (monomer)

SPECIFICATIONS

SDS-PAGE 12 kDa, reducing conditions, 24 kDa, non-reducing conditions

Activity Measured by its ability to inhibit the IL-4-dependent proliferation of HT-2 mouse T cells. Tsang, M. *et al.* (1995) Cytokine 7:389. The ED₅₀ for this effect is 0.04-0.2 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

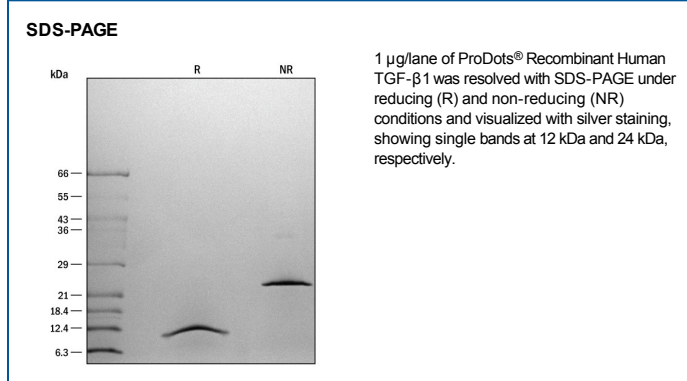
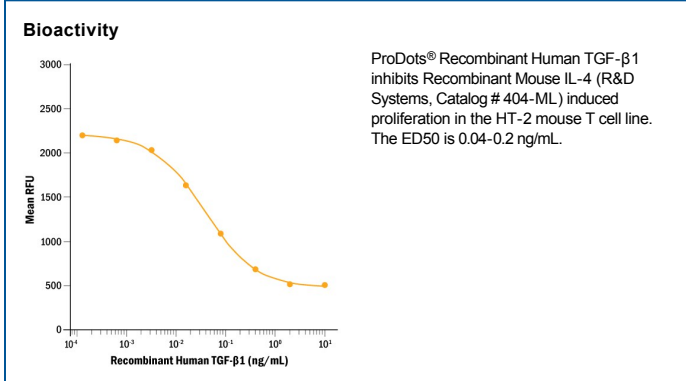
Reconstitution For a stock solution, reconstitute at 20 µg/mL in sterile 4 mM HCl, or simply roll ProDot® directly into cell culture medium for immediate use. **Note:** Purified recombinant human TGF-β1 is an extremely hydrophobic protein that adheres strongly to surfaces.

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

726377.4