

DESCRIPTION

Source *Spodoptera frugiperda*, Sf 21 (baculovirus)-derived
Thr27 - Pro185
Accession # AAA17999.1

N-terminal Sequence Analysis Thr27

Predicted Molecular Mass 17.5 kDa

SPECIFICATIONS

SDS-PAGE 17-30 kDa, reducing conditions

Activity Measured in a cell proliferation assay using BaF3 mouse pro-B cells transfected with mouse Flt-3. The ED₅₀ for this effect is 0.2-1 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 PBS, or simply roll ProDot® directly into cell culture medium for immediate use.

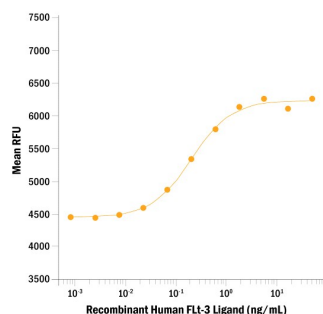
Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

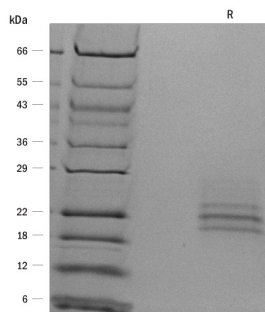
DATA

Bioactivity



ProDots® Recombinant Human Flt-3 Ligand stimulates cell proliferation in the BaF3 mouse Pro-B cell line transfected with mouse Flt-3. The ED₅₀ for this effect is 0.2-1 ng/mL.

SDS-PAGE



1 µg/lane of ProDots® Recombinant Human Flt-3 Ligand was resolved with SDS-PAGE under reducing (R) conditions and visualized with silver staining, showing major bands at 20-24 kDa. The multiple bands are due to variable glycosylation of the protein.

PRODUCT SPECIFIC NOTICES

726223.1