

Recombinant Human TPO

Catalog Number : mly07201

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human TPO (Ser22-Leu195)
Accession # P40225

Predicted molecular mass 18.6 kDa

Specification:

Appearance White powder, Colorless clear liquid after reconstitution

Purity ≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

Endotoxin ≤ 10 EU/mg by the LAL method

Activity Measured in a cell proliferation assay using Mo7e human leukemia cell line. The ED₅₀ for this effect is ≤1.0 ng/mL.

Formulation Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Handling and Storage:

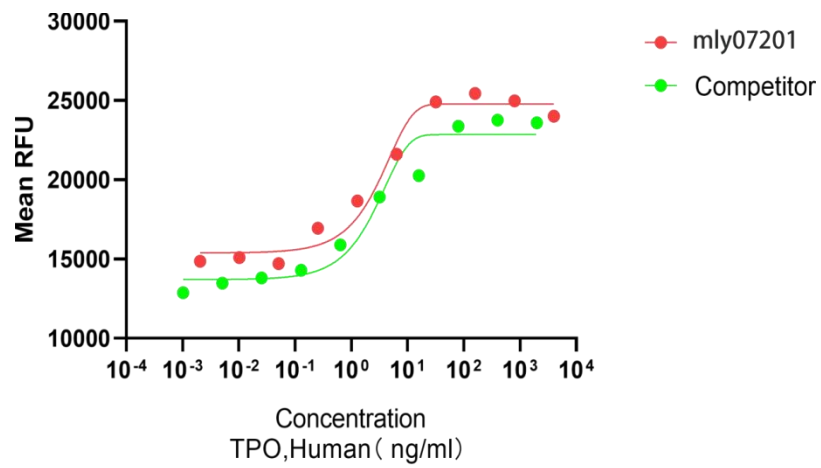
Reconstitution It is recommended to redissolve in sterile deionized water.

Shipping The product is shipped with blue ice

Storage & Stability 36 months at -20°C to -80°C in lyophilized state
6 months at -20°C to -80°C under sterile conditions after reconstitution
7-10 days at 2°C to 8°C under sterile conditions after reconstitution
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

Bioactivity



Measured in a cell proliferation assay using Mo7e cells. The ED50 for this effect is ≤ 1.0 ng/mL. The activity of mly07201 was higher than other competing products.