Human TPO (Thrombopoietin) Recombinant Protein

Product Details	
Size	100 µg
Species	Human
Published Species	Human
Expression system	HEK293 cells
Molecular weight	85 kDa
Class	Recombinant
Type	Protein
Purity	>90% by SDS-PAGE
Endotoxin concentration	<1 EU/µg
Activity	ED50 = 0.5 - 5 ng/mL; determined by dose-dependent proliferation of human TF-1 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	4 Publications
Control (Ctrl)	Assay-dependent	-

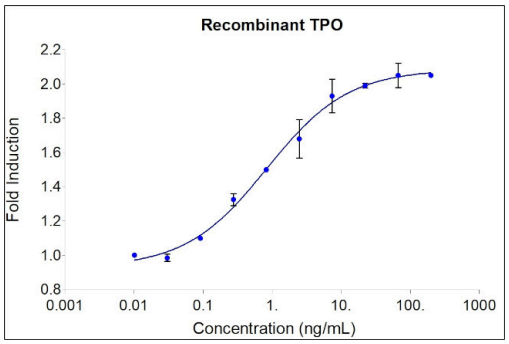
Product Specific Information

Carrier-Free

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute lyophilized recombinant human Thrombopoietin in PBS containing 0.1% human serum albumin. Further dilutions should be made in low endotoxin medium or a buffered solution containing a carrier protein such as heat inactivated FCS or tissue culture grade BSA.

Storage: Store this lyophilized preparation at <-20°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at <-20°C. Avoid repeated freeze/thaw cycles.

Product Images For Human TPO (Thrombopoietin) Recombinant Protein



Human TPO (Thrombopoietin) Protein (PHC9511) in FN
Recombinant TPO (Product # PHC9511) activity was determined by the dose-dependent stimulation of the proliferation of MO7e cells using Promega CellTiter96® Aqueous Non-Radioactive Cell Proliferation Assay.

4 References

Functional Assay (4)

Platelets

In vitro megakaryocyte culture from human bone marrow aspirates as a research and diagnostic tool.

Authors: Butov KR,Osipova EY,Mikhalkin NB,Trubina NM,Panteleev MA,Machlus KR

Year
2021

Species
Human

Dilution
50 ng/mL

eLife

Intrinsic OXPHOS limitations underlie cellular bioenergetics in leukemia.

Authors: Nelson MA,McLaughlin KL,Hagen JT,Coalson HS,Schmidt C,Kassai M,Kew KA,McClung JM,Neufer PD, Brophy P,Vohra NA,Liles D,Cabot MC,Fisher-Wellman KH

Year
2021

Species
Human

Dilution
50 ng/mL

View more FN references on thermofisher.cn

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