9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-12326: Human Thrombopoietin(Discontinued)

Gene :	THPO
Gene ID :	7066
Uniprot ID :	P40225
Alternative Name :	Thrombopoietin, C-mpl ligand, Megakaryocyte colony-stimulating factor,Megakaryocyte growth and development factor, Myeloproliferative leukemia virus oncogene ligandÂ Â Â Â Â Â Â

Description

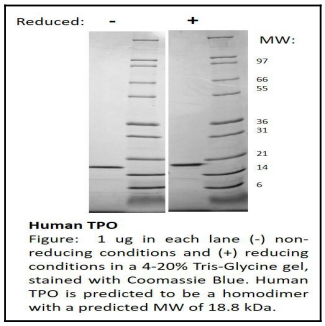
Source: Genetically modified E.coli.
Predicted MW: Monomer, 18.8 kDa (175 aa)
Thrombopoietin (TPO) is a growth factor that is produced by liver and kidney tissues. TPO binds the TPO receptor (CD110) to promote megakaryocyte maturation, differentiation, and the production of platelets.

Product Info

Amount :	10 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 90%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MSPAPPACDL RVLSKLLRDS HVLHSRLSQC PEVHPLPTPV LLPAVDFSLG EWKTQMEETK AQDILGAVTL LLEGVMAARG QLGPTCLSSL LGQLSGQVRL LLGALQSLLG TQLPPQGRTT AHKDPNAIFL SFQHLLRGKV RFLMLVGGST LCVRRAPPTT AVPSRTSLVL TLNEL

Application Note

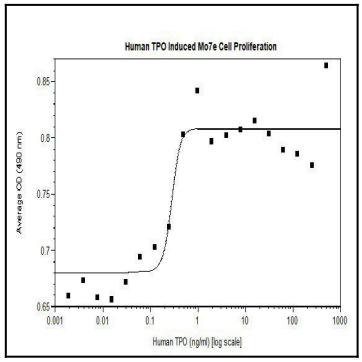
Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Biological Activity was determined by MO7e cell proliferaiton at <=5 ng/mL; >= 2.0 x 10^5 units/mg . Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.



Human TPO
Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human TPO is predicted to be a homodimer with a predicted MW of 18.8 kDa.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com



For Research Use Only. Not for use in diagnostic/therapeutics procedures.