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## Product Datasheet

### Recombinant Human Thrombopoietin ( rHuTPO ) BWT-PR1120

Article Name	Recombinant Human Thrombopoietin ( rHuTPO )
Biozol Catalog Number	BWT-PR1120
Supplier Catalog Number	PR1120
Alternative Catalog Number	BWT-PR1120-2UG,BWT-PR1120-10UG,BWT-PR1120-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Thrombopoietin (Tpo), the ligand for the receptor encoded by the c-Mpl proto-oncogene, is a key regulator of megakaryocytopoiesis and thrombopoiesis in vitro and in vivo. The cDNAs for Tpo have recently been cloned from canine, murine and human sourc...
Molecular Weight	Approximately 80 kDa, consisting of a 332 amino acid residue with a predicted molecular mass of approximately 35 kDa. As a result of glycosylation, the recombinant protein migrates with an apparent molecular mass of 8010 kDa in SDS-PAGE.
Source	CHO
Purity	>98% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	SPAPPACDLRVLSKLLRDSHVLHSRLSQCPEVHPLPTPVLLPAVDFSLGEWKT QMEETKAQDILGAVTLLLEGVMAARGQLGPTCLSSLLGQLSGQVRLLLGALQ SLLGTQLPPQGRRTTAHKDPNAIFLSFQHLLRGKVRFLMLVGGSTLCVRRAPPT TAVPSRTSLVLTNELPNRTSGLLETNFTASARTTGSGLLKWQQGFRAKIPGLL NQTSRSLDQIPGYLNRIHELLNGTRGLFPGPSRRTLGPDISS

Formula	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.
Application Notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20C. Further dilutions should be made in appropriate buffered solutions.