

## Product Datasheet

### Human Thrombopoietin ( rHuTPO ) ( orb1495020 )

<b>Description</b>	Thrombopoietin (Tpo), the ligand for the receptor encoded by the c-Mpl proto-oncogene, is a key regu...
<b>Endotoxins</b>	Less than 1EU/mg of rHuTPO a as determined by LAL method.
<b>Preservatives</b>	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.
<b>Form/Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Storage</b>	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Application notes</b>	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 -20°C. Further dilutions should be made in appropriate buffered solutions.
<b>Protein Sequence</b>	SPAPPACDLRVLSKLLRDSHVLHSRLSQCEVHPLPTPVLLPAVDFSLGEWKTQM EETKAQDILGAVTLLLEGVMAARGQLGPTCLSSLLGQLSGQVRLLLGALQSLLGT QLPPQGRRTAHKDPNAIFLSFQHLLRGKVRFLMLVGGSTLCVRRAPPTTAVPSRT SLVLTNLNLPNRTSGLLETNFTASARTTGSGLLKWQQGFRAKIPGLLNQTSRSLD QIPGYLNRIHELLNGTRGLFPGPSRRTLGPDISSGTSDTGSLPPNLQPGYSPST HPPTGQYTLFPLPPTLPTPVVQLHPLLDPAPSAPTPTPTSPLLNTSYTHSQNLSQEG
<b>Source</b>	CHO
<b>MW</b>	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 80±10 kDa in SDS-PAGE.
<b>Expiration Date</b>	6 months from date of receipt.