

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human Thrombopoietin (TPO)

Purified Factor	Product Number	HC88882B	10.0 ug
		HC88882A	2.0 ug

DESCRIPTION:

Human Thrombopoietin (TPO) stimulates proliferation and maturation of megakaryocytes and increased circulation of platelets. Human TPO also makes the receptor binding domain of the Mpl-ligand protein. Molecular weight of 16.9 kDa, with 158 aa. residues.

SOURCE: E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug TPO

Sterile-filtered, lyophilized, additive-free in 5 mM Tris, pH 8.0.

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. ED₅₀ of 1.0 ng/mL, as determined by dose dependent stimulation of human MO7e cells.

HANDLING AND STORAGE:

Purified Human TPO factor is provided lyophilized. Store lyophilized, at -20° C. Quick-Spin before reconstitution. Reconstitute with **10 mM Tris, pH 8.0** to a concentration of 500 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE