

PRODUCT INFORMATION SUMMARY

Human HPRG

(Histidine- Proline-Rich Glycoprotein)

Purified Factor	Product Number	HC67741B	25.0 ug
	Product Number	HC67741A	5.0 ug

DESCRIPTION:

Human HRRG (Histidine- Proline-Rich Glycoprotein) is a protein of the Cystatin Superfamily and is believed to be involved in cell-adhesion, migration, and coagulation. HPRG can stimulate apoptosis of endothelial cells with anti-angiogenic effect.

This recombinant cell-derived Human HPRG is a glycoprotein with 57.7 kDa MW and 507 aa. residues.

SOURCE: CHO cells
Purity > 91% by HPLC analysis
Endotoxin < 0.1 ng per ug HPRG.

BIOLOGICAL ACTIVITY: Ability to induce adhesion of Con-A activated MOLT-4 cells to surface coated with the HPRG .

HANDLING AND STORAGE:

Purified HPRG is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **sterile or distilled water** to a concentration of approx. 100 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots, **with addition of 0.1% BSA**, at -20° C, for up to 3 months, 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.

RESEARCH USE ONLY -NOT for DRUG USE

ANTIGENIX America Inc.