

## 32-20550: Recombinant Human HPRG(Discontinued)

**Alternative Name :** Histidine-Proline-Rich Glycoprotein, Histidine-rich glycoprotein (HRG), HRGP, THPH11

### Description

**Source:CHO cells**

Histidine-proline-rich glycoprotein (HPRG), a member of the Cystatin structural superfamily, is an abundantly secreted multi-domain glycoprotein. Although the physiological function is largely unknown, HPRG potentially regulates physiological processes such as cell adhesion and migration, fibrinolysis, coagulation, complement activation, immune complex clearance and phagocytosis of apoptotic cells. HPRG can exert anti-angiogenic activity by stimulating apoptosis of endothelial cells. Recombinant Human HPRG is a 57.7 kDa glycoprotein containing 507 amino acid residues.

### Product Info

**Amount :** 5 µg / 25 µg

**Purification :** Purity:>= 90% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** VSPTDCSAVE PEAEKALDLI NKRRRDGYLF QLLRIADAHL DRVENTTVYY LVLDVQESDC SVLSRKYWND  
CEPPDSRRPS EIVIGQCKVI ATRHSHESQD LRVIDFNCTT SSVSSALANT KDSPVLIDFF EDTERYRKQA  
NKALEKYKEE NDDFASFRVD RIERVARVRG GEGTGYFVDF SVRNCPRHHF PRHPNVFGFC RADLFYDVEA  
LDLESPKNLV INCEVFDPQE HENINGVPPH LGHPFHWGGH ERSSTTKPPF KPHGSRDHHH PHKPHEHGPP  
PPPDERDHSHPPLPQGPPP LLPMSCSSCQ HATFGTNGAQ RSHNNNSSD LPHKHHHSHE  
QHPHGHHPHA HHPHEHDTHR QHPHGHHPHG HHPHGHHPHG HHPHGHHPHC HDFQDYGPCD  
PPPHNQGHCC HGHGPPPGHL RRRGPGKGPR PFHCRQIGSV YRLPPLRKGE VLPLPEANFP SFPLPHHKHP  
LKPNDQPPFQ SVSESCPGKF KSGFPQVSMF FTHTFPK

### Application Note

Measured by its ability to support adhesion of Con-A activated MOLT-4 cells to the Recombinant Human HPRG-coated surface. The  $ED_{50}$  for this effect is 1.5-2.0 µg/ml.