

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 LHPHKHHSHE
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.