



Datasheet for ABIN6239796

HRG Protein (AA 19-525) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	HRG
Protein Characteristics:	AA 19-525
Origin:	Human
Source:	HEK-293 Cells
Biological Activity:	Active
Purification tag / Conjugate:	This HRG protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 97 %
Biological Activity Comment:	HRG (Histidine-rich glycoprotein) is a plasma glycoprotein which is distinguished by its high content of histidine and proline. HRG binds a number of ligands such as heme, heparin, heparan sulfate, thrombospondin, plasminogen, and divalent metal ions. Thus, a functional binding ELISA assay was constructed to detect the association of rhHRG with heparin. Briefly, Microtiter wells were coated with OVA-conjugated-heparin. rhHRG were diluted serially in 0.01M PBS (pH 7.4). Duplicate samples of 100uL were then transferred to the coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-HRG PAb, then aspirated and washed 3 times. After incubation with HRP labeled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate Solution, wells were incubated 15-25 minutes at 37°C. Finally, add 50µL stop solution to the wells and

Product Details

read at 450nm immediately. The binding activity of rhHRG with heparin was shown in Figure 1 and this effect was in a dose dependent manner The Binding Activity of rhHRG with Heparin.

Target Details

Target:	HRG
Alternative Name:	Histidine Rich Glycoprotein (HRG) (HRG Products)
Background:	Alternative Names: HPRG, HRGP, Histidine-Proline Rich Glycoprotein, Thrombophilia Due To Elevated HRG
Molecular Weight:	75kDa
UniProt:	P04196

Application Details

Application Notes:	Isoelectric Point: 7
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), Other preservative, ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

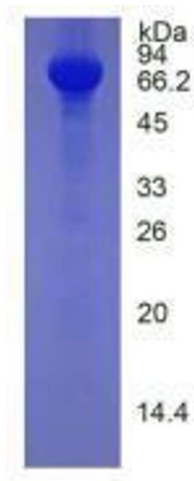


Image 1.