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Datasheet for ABIN7504420
HRG Protein (AA 19-525) (His tag)

Overview

Quantity:	100 µg
Target:	HRG
Protein Characteristics:	AA 19-525
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HRG protein is labelled with His tag.

Product Details

Purpose:	Human HRG/HPRG Protein
Sequence:	Val19-Lys525
Characteristics:	Recombinant Human HRG/HPRG Protein is expressed from HEK293 with His tag at the C-terminus.It contains Val19-Lys525.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	HRG
Alternative Name:	HRG (HRG Products)

Target Details

Background:	Histidine-rich glycoprotein (HRG) is a 75 kDa glycoprotein synthesized in the liver whose plasma concentration is 100-150 µg/mL. HRG has been shown to modulate sepsis-related biological reactions by binding to several substances and cells, including heparin, factor XII, fibrinogen, thrombospondin, plasminogen, C1q, IgG, heme, LPS, dead cells, bacteria, and fungi.
Molecular Weight:	58.75 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_000403

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months