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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HRG (Human) Recombinant Protein (P01)

Catalog Number: H00003273-P01

Regulation Status: For research use only (RUO)

Product Description: Human HRG full-length ORF (NP_000403.1, 1 a.a. - 525 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKALIAALLLITLQYSCAVSPTDCSAVEPEAEKALDLINK
RRRDGYLFQLLRIADAHLDRVENTTVYYLVLDVQESDC
SVLSRKYWNDCEPPDSRRPSEIVIGQCKVIATRHSHE
QDLRVIDFNCTTSSVSSALANTKDSPVLIDFFEDTER
RKQANKALEKYKEENDDFASFRVDRIERVARVRGEGE
TGYFVDFSVRNCPRHHFPRHPNVFGFCRADLFYDVEA
LDLESPKNLVINCEVFDPEHEHENINGVPPHLGHPPFW
GGHERSSTTKPPFKPHGSRDHHHPKHEHGPPPPP
DERDHSHPPLPQGPPPLPMSCSSCQHATFGTNGA
QRHSHNNSSDLPHPHKHSHEQHPHGHHHPHAHHPH
EHDTHRQHPHGHHHPHGHHHPHGHHHPHGHHHPH
CHDFQDYGPCDPPPHNQGHCCGHGPPPGHLRRRG
PGKGRPFHCRQIGSVYRLPPLRKGEVLPPEANFPS
FPLPHHKHPLKPDNQPFQSVSESCPGKFKSGFPQVS
MFFTHTFPK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 86

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 3273

Gene Symbol: HRG

Gene Alias: DKFZp779H1622, HPRG, HRGP

Gene Summary: This histidine-rich glycoprotein contains two cystatin-like domains and is located in plasma and platelets. The physiological function has not been determined but it is known that the protein binds heme, dyes and divalent metal ions. It can inhibit rosette formation and interacts with heparin, thrombospondin and plasminogen. Two of the protein's effects, the inhibition of fibrinolysis and the reduction of inhibition of coagulation, indicate a potential prothrombotic effect. Mutations in this gene lead to thrombophilia due to abnormal histidine-rich glycoprotein levels. [provided by RefSeq]

References:

1. The P2X7-mediated scavenger activity of mononuclear phagocytes towards non-opsonized particles and apoptotic cells is inhibited by serum glycoproteins but remains active in cerebrospinal fluid. Gu BJ, Duce JA, Valova VA, Wang B, Bush AI, Petrou S, Wiley JS. J Biol Chem. 2012 Mar 29. [Epub ahead of print]