



# Recombinant Mouse Histidine-rich glycoprotein (Hrg)

<b>Product Code</b>	CSB-BP010736MO
<b>Abbreviation</b>	Hrg
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9ESB3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LS PTNCDASEPL AEKVLDLINK GRRSGYVFEL LRVSDAHLDR AGTATVYYLA LDVIESDCWV LSTKAQDDCL PSRWQSEIVI GQCKVIATRY SNESQDLSVN GYNCTTSSVS SALRNTKDSP VLLDFFEDSE LYRKQARKAL DKYKTDNGDF ASFRVERAER VIRARGGERT NYVVEFSMRN CSTQHFRSP LVFGFCRALL SYSIETSDLE TPDSIDINCE VFNIEDHKDT SDMCPHWGHE RPLCDKHLCK LSGSRDHHHT HKTDKLGCPP PPEGKDNSDR PRLQEGALPQ LPPGYPPHSG ANRTHRPSYN HSCNEHPCHG HRPHGHHPHS HHPPGHSHG HHPHGHHPHS HSHGHHPG HHPHGHHPHG HHPHGHHPHG HHPHGHDFLD YGPCDPPSNS QELKGQYHRG YGPPHGHSRK RGP GKGLFPF HHQQIGYVYR LPPLNIGEVL TLPEANFPSF SLPNCNRS LQ PEIQPFQTA SRSCPGKFES EFPQISKFFG YTPPK
<b>Source</b>	Baculovirus
<b>Target Names</b>	Hrg
<b>Protein Names</b>	Recommended name: Histidine-rich glycoprotein Alternative name(s): Histidine-proline-rich glycoprotein Short name= HPRG
<b>Expression Region</b>	19-525
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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