# Active Recombinant Mouse Hrg, His-tagged

**Cat. No.** Hrg-452M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Hrg (Accession # BAB33094) Leu19-Lys525, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived. |
| **Species** | Mouse |
| **Source** | Mammalian Cells |
| **ProteinLength** | 19-525 a.a. |
| **Predicted N Terminal** | Leu19 |
| **Form** | Lyophilized from a 0.2 μm filtered solution in MES and NaCl. |
| **Bio-activity** | Measured by its ability to support the adhesion of MOLT-4 human acute lymphoblastic leukemia cells. Lamb-Wharton, R.J. and W.T. Morgen (1993) Cell Immunol. 152:544.When 1 x 10^5 cells/well are added to Recombinant Mouse HPRG coated plates, adhesion is induced in a dose-dependent manner in the presence of Concanvalin A. The ED50 for this effect is typically 0.6-3 μg/mL. |
| **Molecular Mass** | Recombinant Mouse Hrg, His-tagged has a calculated MW of 58.5 kDa. In SDS-PAGE migrates as 80-85 kDa, reducing conditions. |
| **Purity** | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| **Storage** | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In |

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| | lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC). |

## GENE INFORMATION

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| **Gene Name** | Hrg histidine-rich glycoprotein [ Mus musculus ] |
| **Official Symbol** | Hrg |
| **Synonyms** | HRG; histidine-rich glycoprotein; histidine-proline-rich glycoprotein; Hprg; Hrgp; D16jh2; D18020; AI265597; AW413091; |
| **Gene ID** | 94175 |
| **mRNA Refseq** | NM_053176 |
| **Protein Refseq** | NP_444406 |
| **MIM** | |

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