

Active Recombinant Mouse Hrg, His-tagged

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

SPECIFICATION

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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name Hrg histidine-rich glycoprotein [*Mus musculus*]

Official Symbol Hrg

Synonyms HRG; histidine-rich glycoprotein; histidine-proline-rich glycoprotein; Hprg; Hrpg; D16jh2; D18020; AI265597; AW413091;

Gene ID [94175](#)

mRNA Refseq [NM_053176](#)

Protein Refseq [NP_444406](#)

MIM

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