

Active Recombinant Mouse Inha

Cat. No. Inha-492M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Inha (Accession # CAA49324 (alpha chain) & P08476 (beta chain)) Ser234-Ile366 (alpha chain) & Gly311-Ser426 (beta chain) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	234-366;311-426 a.a.
Predicted N Terminal	Ser234 (alpha chain) & Gly311 (beta chain)
Form	Lyophilized from a 0.2 µ filtered solution in HCl with BSA as a carrier protein.
Bio-activity	Measured by its ability to neutralize Activin-mediated erythroid differentiation of K562 human chronic myelogenous leukemia cells.The ED50 for this effect is typically 5-30 ng/mL.
Molecular Mass	Recombinant Mouse Inha has a calculated MW of 14.5 kDa (alpha chain) & 13.0 kDa (beta chain) . In SDS-PAGE migrates as 12-14 kDa & 17-20 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
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).

Reconstitution Reconstitute at 100 µg/mL in 4 mM HCl.

GENE INFORMATION

Gene Name [Inha inhibin alpha \[Mus musculus \]](#)

Official Symbol [Inha](#)

Synonyms [INHA](#); [inhibin alpha](#); [inhibin alpha chain](#); [AW555078](#);

Gene ID [16322](#)

mRNA Refseq [NM_010564](#)

Protein Refseq [NP_034694](#)

MIM

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