

Active Recombinant Mouse Chil3 Protein, His-tagged

Cat. No. Chil3-627M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chil3 (Accession # NP_034022) Met1-Tyr398, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Tyr398
Predicted N Terminal	Tyr22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of FaDu human squamous cell carcinoma cells. When 5×10^4 cells/well are added to Recombinant Mouse Chitinase 3-like 3/ECF-L coated plates, cell adhesion is enhanced in a dose dependent manner after 1 hour incubation at 37 °C. The ED50 for this effect is typically 0.3 - 1.2 µg/mL.
Molecular Mass	Recombinant Mouse Chil3, His-tagged has a calculated MW of 43 kDa. In SDS-PAGE migrates as 43 kDa, reducing conditions.
Purity	>95%, 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	Chil3 chitinase-like 3 [Mus musculus (house mouse)]
Official Symbol	Chil3
Synonyms	Ym1; ECF-L; Chi3l3; AI505981; chitinase-like protein 3; chitinase-like protein 3; beta-N-acetylhexosaminidase Ym1; chitinase 3-like 3; chitinase-3-like protein 3; eosinophil chemotactic cytokine; eosinophil chemotactic factor-L; secreted protein Ym1
Gene ID	12655
mRNA Refseq	NM_009892.2
Protein Refseq	NP_034022.2
MIM	
Chromosome Location	3 F2.2; 3 46.49 cM

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