

Recombinant Mouse CHIL3 Protein

Catalog #	Source	Reactivity	Applications
CRP2943	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CHIL3 Protein is produced by mammalian expression system and the target gene encoding Tyr22-Tyr398 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	CHIL3		
Alternative Names	Chitinase-like protein 3; Beta-N-acetylhexosaminidase Ym1; Chitinase-3-like protein 3; ECF-L; Eosinophil chemotactic cytokine; Secreted protein Ym1; Chil3; Chi3l3; Ym1		
Entrez Gene	12655 (Mouse)		
SwissProt	O35744 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>YQLMCYTSW AKDRPIEGSF KPGNIDPCLC THLIYAFAGM QNNEITYTHE QDLRDYEALN GLKDKNTELEK TLLAIGGWKF GPASFSAMVS TPQNRQIFIQ SVIRFLRQYN FDGLNLDWQY PGSRGSPPKD KHLFSVLVKE MRKAFEEESV EKDIPRLLLT STGAGIIDVI KSGYKIPELS QSLDYIQVMT YDLHDPKDG Y TGENSPLYKS PYDIGKSADL NVDSIISYWK DHGAASEKLI VGFPAYGHTF ILSDPSTGI GAPTISTGPP GKYTDESGLL AYYEVCTFLN EGATEVWDAP QEVPYAYQGN EWVGYDNVRS FKLKAQWLKD NNLGGAVVWP LDMDDFSGSF CHQRHFPLTS TLKGD LNIHS ASCKGPYVDH HHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize		
<p>Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference</p> <p>Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish</p>			

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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