

Recombinant Human CHI3L2 Protein

Catalog #	Source	Reactivity	Applications
CRP1301	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CHI3L2 Protein is produced by our Mammalian expression system and the target gene encoding Tyr27-Leu390 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	CHI3L2		
Alternative Names	Chitinase-3-like protein 2; Chondrocyte protein 39; YKL-39		
Entrez Gene	1117 (Human)		
SwissProt	Q15782 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	YKLVCFYFTNW SQDRQEPGKF TPENIDPFLC SHLIYSFASI ENNKVVIKDK SEVMLYQTIN SLKTKNPKLK ILLSIGGYLF GSKGFHPMVD SSTRLEFIN SIILFLRNHN FDGLDVSWIY PDQKENTHFT VLIHELAEAF QKDFTKSTKE RLLLTGVSA GRQMIDNSYQ VEKLAKDLDF INLLSDFDHG SWEKPLITGH NSPLSKGWQD RGPSSYNNVE YAVGYWIHKG MPSEKVVMMGI PTYGHSFTLA SAETTVGAPA SGPGAAGPIT ESSGFLAYYE ICQFLKGAKI TRLQDQQVPI AVKGNQWVG Y DDVKSMETKV QFLKLNLLGG AMIWSIDMDD FTGKSCNQGP YPLVQAVKRS LGSLVDHHHH HH		
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 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

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.

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

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com