

## Chitinase 3-Like 2 Recombinant

<b>Item Number</b>	rAP-0895
<b>Synonyms</b>	Chitinase 3-Like 2, Chondrocyte Protein 39, YKL-39, YKL39, Chitinase-3-Like Protein 2, CHIL2, CHI3L2.
<b>Description</b>	CHI3L2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Tyr27-Leu390) containing 374 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 42.1kDa.
<b>Uniprot Accession Number</b>	Q15782
<b>Amino Acid Sequence</b>	MKHHHHHHASYKLVCFYFTNW SQDRQEPGKF TPENIDPFLC SHLIYSFASI ENNKVIKDK SEVMLYQTIN SLKTKNPKLK ILLSIGGYLF GSKGFHPMVD SSTSRLEFIN SIILFLRNHN FDGLDVSWIY PDQKENTHFT VLIHELAEAF QKDFTKSTKE RLLLTAGVSA GRQMIDNSYQ VEKLAQDLDF INLLSFDFHG SWEKPLITGH NSPLSKGWQD RGPSSYYNVE YAVGYWIIHG MPSEKVMGI PTYGHSTLA SAETTVGAPA SGP- GAAGPIT ESSGFLAYYE ICQFLKGAKI TRLQDQQVPY AVKGNQWVG YDDVKSMETKV QFLKNLNLGG
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	CHI3L2 was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in 30mM acetate buffer, pH 4. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 0.1M acetate buffer pH 4.0 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer t
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**