

# Human CHI3L2 Recombinant Protein



RPPB1492

## Product Information Protein Information

**Product SKU:**

RPPB1492

**Accession:**

Q15782

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Chitinase 3-Like 2, Chondrocyte Protein 39, YKL-39, YKL39, Chitinase-3-Like Protein 2, CHIL2, CHI3L2.

**Formulation:**

CHI3L2 was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in 30mM acetate buffer, pH 4.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

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 to a concentration of 10?g/ml. In higher concentrations the solubility of this antigen is limited. CHI3L2 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

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.

**Amino Acid Sequence:**

MKHHHHHHASYKLVCFYFTNW SQDRQEPGKF TPENIDPFLC SHLIYSFASI ENNKVIKDK SEVMLYQTIN  
SLKTKNPKLK ILLSIGGYLF GSKGFHPMVD SSTSRLFEN SIILFLRNHN FDGLDVSWIY PDQKENTHFT  
VLIHELAEAF QKDFTKSTKE RLLLTAGVSA GRQMIDNSYQ VEKLAKDLDLDF INLLSFDHFG SWEKPLITGH  
NSPLSKGWQD RGPSSYYNVE YAVGYWIHKG MPSEKVVMI PTYGHSTLA SAETTVGAPA SGPGAAGPIT  
ESSGFLAYYE ICQFLKGAKI TRLQDQVPY AVKGNQWVG DDKVSMETKV QFLKNLNLGG AMIWSIDMDD  
FTGKSCNQGP YPLVQAVKRS LGSL.