

Recombinant Rat Chi3l1 protein, His-tagged

Cat. No. Chi3l1-1375R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Chi3l1(Tyr117~Lys364) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Tyr117~Lys364
Description	Chi3l1 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	31.0kD
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Chi3l1 chitinase 3-like 1 (cartilage glycoprotein-39) [*Rattus norvegicus*]

Official Symbol

Chi3l1

Synonyms

CHI3L1; chitinase 3-like 1 (cartilage glycoprotein-39); chitinase-3-like protein 1; GP-39; CGP-39; cartilage glycoprotein 39; chitinase 3-like 1 protein; MGC109420;

Gene ID

89824

mRNA Refseq

NM_053560

Protein Refseq

NP_446012

UniProt ID

Q9WTV

Chromosome Location

13q13

Pathway

Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem;

Function

catalytic activity; cation binding; chitin binding; chitin binding; chitinase activity; NOT chitinase activity; molecular_function; sugar binding;

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