Recombinant Human CHI3L2 protein, His & T7-tagged

Cat. No. CHI3L2-1674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHI3L2 aa. (Tyr27~Tyr326 (Accession # Q15782)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr27~Tyr326
Description	The protein encoded by this gene is similar to bacterial chitinases but lacks chitinase activity. The encoded protein is secreted and is involved in cartilage biogenesis. Several transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C for 48h,

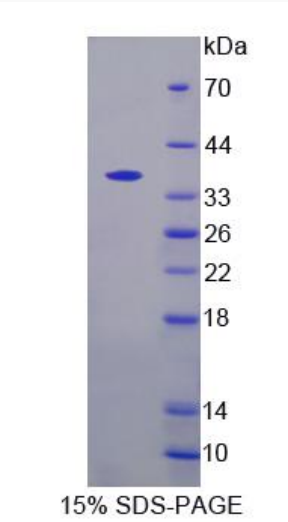
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	and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.9

GENE INFORMATION

Gene Name	CHI3L2 chitinase 3 like 2 [Homo sapiens (human)]
Official Symbol	CHI3L2
Synonyms	CHI3L2; chitinase 3 like 2; CHIL2; YKL39; YKL-39; chitinase-3-like protein 2; chondrocyte protein 39
Gene ID	1117
mRNA Refseq	NM_001025197.1
Protein Refseq	NP_001020368.1
UniProt ID	Q15782

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SDS-PAGE	 15% SDS-PAGE

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