

Chitinase-3-like Protein 1 Active Protein | CHI3L1 active protein

Active Chitinase-3-like Protein 1 (CHI3L1)

CATALOG # AAA150109	APPLICATIONS Activity Assay, Cell Culture
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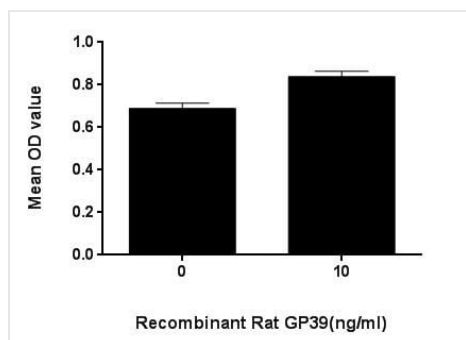
PRODUCT SYNONYMS

Chitinase-3-like Protein 1; Active Chitinase-3-like Protein 1 (CHI3L1); GP39; CHI3-L1; YKL40; Chondrex; Chitinase 3-Like 1; Chondrocyte Protein YKL40; 39 kDa synovial protein; CHI3L1 active protein

PRODUCT SPECIFICATIONS

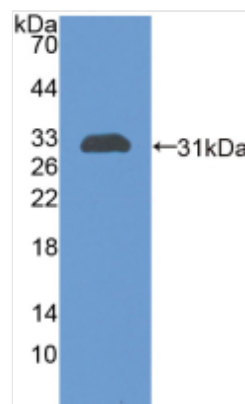
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Tyr117~Lys364
Sequence Length	391
Applicable Applications for CHI3L1 active protein	Activity Assay, Cell Culture
Species	Rat
Tag	N-terminal His Tag
Isoelectric Point	8.7
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



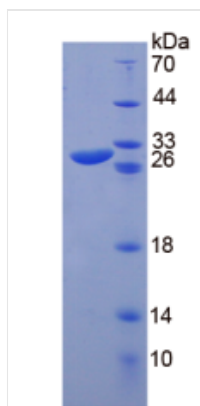
Application Data

Figure. Cell proliferation of spleen cells after stimulated with GP39.



WB (Western Blot)

Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CHI3L1 active protein	Metabolic pathway; Infection immunity; Bone metabolism; Rheumatology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	832626572
NCBI GeneID	89824
NCBI Accession #	NP_001296749.1
NCBI GenBank Nucleotide #	NP_001296749.1
UniProt Accession #	Q9WTV1
Molecular Weight	Predicted Molecular Mass: 31.2kDa Accurate Molecular Mass: 29kDa
NCBI Official Full Name	chitinase-3-like protein 1 isoform 1
NCBI Official Synonym Full Names	chitinase 3 like 1
NCBI Official Symbol	Chi3l1
NCBI Official Synonym Symbols	Chi11; GP-39; CGP-39
NCBI Protein Information	chitinase-3-like protein 1
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	Chi3l1
UniProt Synonym Gene Names	CGP-39; GP-39

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/chi3l1-active-protein/chitinase-3-like-protein-1/150109>