

Recombinant Human ACAN protein, His-tagged

Cat. No. ACAN-1501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACAN protein(Q6PID9)(Ala17-Leu721), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Ala17-Leu721
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	
Molecular Mass	The protein has a predicted MW of 78.86 kDa. Due to glycosylation, the protein migrates to 90-130 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ACAN aggrecan \[Homo sapiens \]](#)

Official Symbol [ACAN](#)

Synonyms

ACAN; aggrecan; AGC1, aggrecan 1 , chondroitin sulfate proteoglycan 1 , CSPG1, MSK16; aggrecan core protein; aggrecan proteoglycan; CSPGCP; large aggregating proteoglycan; cartilage-specific proteoglycan core protein; chondroitin sulfate proteoglycan core protein 1; AGC1; SEDK; AGCAN; CSPG1; MSK16;

Gene ID [176](#)

mRNA Refseq [NM_001135](#)

Protein Refseq [NP_001126](#)

MIM [155760](#)

UniProt ID [P16112](#)

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