

## Recombinant Human ACAN protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACAN protein(Q6PID9)(Ala17-Leu721), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	C-His
<b>ProteinLength</b>	Ala17-Leu721
<b>Tag</b>	C-His
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
<b>Storage</b>	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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