

## Recombinant Rat Acan, His-tagged

**Cat. No.** Acan-3239R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Aggrecan core protein (Acan), partial
<b>Species</b>	Rat
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	2162
<b>Description</b>	an extracellular matrix proteoglycan; cleaved by ADAMTS1 .
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	Small volumes of Acan recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

## GENE INFORMATION

<b>Gene Name</b>	Acan aggrecan [ Rattus norvegicus ]
<b>Official Symbol</b>	Acan
<b>Synonyms</b>	ACAN; aggrecan; aggrecan core protein; CSPCP; aggrecan 1; cartilage-specific proteoglycan core protein; aggrecan, structural proteoglycan of cartilage; Agc; Agc1;
<b>Gene ID</b>	58968
<b>mRNA Refseq</b>	NM_022190
<b>Protein Refseq</b>	NP_071526
<b>Pathway</b>	Endochondral Ossification, organism-specific biosystem;
<b>Function</b>	binding; calcium ion binding; extracellular matrix structural constituent; hyaluronic acid binding; sugar binding;

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