

# Aggrecan core protein

Catalog No: #AP79232



Package Size: #AP79232-1 50ug #AP79232-2 100ug #AP79232-3 1mg

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## Description

Product Name	Aggrecan core protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Dog
Immunogen Description	2130-2245AA
Other Names	AGC1, Cartilage-specific proteoglycan core protein, CSPCP
Accession No.	Q28343 Gene name: ACAN
Uniprot	Q28343
Calculated MW	12.76
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

This proteoglycan is a major component of extracellular matrix of cartilagenous tissues. A major function of this protein is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region. May play a regulatory role in the matrix assembly of the cartilage.

## References

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Note: This product is for in vitro research use only