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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACAN (Human) Recombinant Protein (P01)

Catalog Number: H00000176-P01

Regulation Status: For research use only (RUO)

Product Description: Human ACAN full-length ORF (AAH36445.1, 1 a.a. - 721 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTLLWVFTLRVITAAVTVETSDHDNSLSVSIPQPSPL
RVLLGTSLTIPCYFIDPMHPVTTAPSTAPLAPRIKWSRV
SKEKEVLLVATEGRVVRVNSAYQDKVSLPNYPAIPSDA
TLEVQSLRSNDSGVYRCEVMHGIEDSEATLEVVKGIV
FHYRAISTRYTLDFDRAQRAQLQNSAIIATPEQLQAAYE
DGFHQCDAGWLADQTVRYPIHTPREGCYGDKDEFPG
VRTYGIRDNETYDVYCFEAEMEVEVFYATSPEKFTF
QEAANECRRLGARLATTGQLYLAWQAGMDMCSAGW
LADRSVRYPIKARPNCGGNLLGVRTVYVHANQTGYP
DPSSRYDAICYTGEDFVDIPENFFGVGGEEDITVQTVT
WPDMEPLPRNITEGEARGSVILTKPIFEVSPSPLEPE
EPFTFAPEIGATAFAEVENETGEATRPWGFPTPGLGP
ATAFTSEDLVVQVTAVPGQPHLPGGVVFHYRPGPTRY
SLTFEEAQAQLRTGAVIASPEQLQAAYEAGYEQCD
GWL RDQTVRYPIVSPRTPCVGDKDSSPGVRTYGV
STETYDVYCFVDRLEGEVFFATRLEQFTFQEALFCES
HNATLATTGQLYAASRGLDKCYAGWLADGSLRYPIV
TPRPACGGDKPGVRTVYLYPNQTGLPDPLSRHHAFCF
RGMQPHFGSNSPFCLERTPLGSPDPATTQYPIHQSKK
MSVPLGQS QL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 106

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 176

Gene Symbol: ACAN

Gene Alias: AGC1, AGCAN, CSPG1, CSPGCP, MSK16, SEDK

Gene Summary: This gene is a member of the aggrecan/versican proteoglycan family. The encoded protein is an integral part of the extracellular matrix in cartilagenous tissue and it withstands compression in cartilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multiple alternatively spliced transcript variants that encode different protein isoforms have been observed in this gene. [provided by RefSeq]