

Recombinant Human CSGALNACT1 Protein, GST-Tagged

Cat. No. CSGALNACT1-1301H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ChGn full-length ORF (AAH60772, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CSGALNACT1 (Chondroitin Sulfate N-Acetylgalactosaminyltransferase 1) is a Protein Coding gene. Diseases associated with CSGALNACT1 include Desbuquois Dysplasia and Desbuquois Dysplasia 1. Among its related pathways are Chondroitin sulfate/dermatan sulfate metabolism and Glycosaminoglycan metabolism. GO annotations related to this gene include glucuronosyltransferase activity and glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase activity. An important paralog of this gene is CSGALNACT2.
Molecular Mass	58.41 kDa
AA Sequence	MMMVRRGLLAWISRVVLLVLLCCAISVLYMLACTPKGDEEQLALPRANSPTGKEGY QAVLQEWEEQHRNYVSSLKRQIAQLKEELQERSEQLRNGQYQASDAAGLGLDRSP PEKTQADLLAFLHSQVDKAEVNAGVKLATEYAAVPFDSFTLQKVYQLETGLTRHPEE KPVRKDKRDELVEAIESALETNNPAENSPNHRPYTASDFIEGIYRTERDKGTLTYELT FKGDHKHEFKRLILFRPFGPIMKVENEKLNMANTLINVIVPLAKRVDKFRQFMQNFRP ADEVFRCVPLSP
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name CSGALNACT1 chondroitin sulfate N-acetylgalactosaminyltransferase 1 [Homo sapiens]

Official Symbol CSGALNACT1

Synonyms CSGALNACT1; chondroitin sulfate N-acetylgalactosaminyltransferase 1; ChGn; chondroitin beta1; 4 N acetylgalactosaminyltransferase; CSGalNAcT 1; FLJ11264; beta4GalNAcT-1; chondroitin beta1,4 N-acetylgalactosaminyltransferase; chondroitin beta-1,4-N-acetylgalactosaminyltransferase 1; CSGalNAcT-1; beta4GalNAcT; FLJ13760;

Gene ID 55790

mRNA Refseq NM_001130518

Protein Refseq NP_001123990

MIM 616615

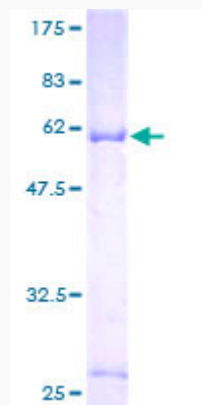
UniProt ID Q8TDX6

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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