

Recombinant Full Length Human CSGALNACT1 Protein, GST-tagged

Cat. No. CSGALNACT1-3253HF **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	In Vitro Cell Free System
ProteinLength	297 amino acids
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	<pre> MMMVRRGLLAWISRVVLLVLLCCAISVLYMLACTPKGDEEQLALPRANSPTGKEGY QAVLQEWEEQHRNYVSSLKRQIAQLKEELQERSEQLRNGQYQASDAAGLGLDRSP PEKTQADLLAFLHSQVDKAEVNAGVKLATEYAAVPFDSFTLQKVYQLETGLTRHPEE KPVRKDKRDELVEAIESALETNNPAENSPNHRPYTASDFIEGIYRTERDKGTLYELT FKGDHKHEFKRLILFRPFGPIMKVENEKLNMANTLINVIVPLAKRVDKFRQFMQNFRP </pre>

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	ADEVFRCVPLSP
Applications	Enzyme-linked Immunoabsorbent Assay 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

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UniProt ID

Q8TDX6

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