Recombinant Full Length Human CSGALNACT2 Protein, GST-tagged

Cat. No. CSGALNACT2-5141HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GALNACT-2 full-length ORF (AAH30268, 1 a.a. - 542 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	542 amino acids
Description	This gene encodes a member of the chondroitin N-acetylgalactosaminyltransferase family. The encoded protein is involved in elongation during chondroitin sulfate synthesis. Alternative splicing of this gene results in multiple transcript variants. Two related pseudogenes have been identified on chromosome X. [provided by RefSeq, Feb 2016]
Molecular Mass	85.36 kDa
AA Sequence	MPRRGLILHTRTHWLLLGLALLCSLVLFMYLLECAPQTDGNASLPGVVGENYGKEYY QALLQEQEEHYQTRATSLKRQIAQLKQELQEMSEKMRSLQERRNVGANGIGYQSN KEQAPSDLLEFLHSQIDKAEVSIGAKLPSEYGVIPFESFTLMKVFQLEMGLTRHPEEK PVRKDKRDELVEVIEAGLEVINNPDEDDEQEDEEGPLGEKLIFNENDFVEGYYRTER DKGTQYELFFKKADLTEYRHVTLFRPFGPLMKVKSEMIDITRSIINIIVPLAERTEAFVQ FMQNFRDVCIHQDKKIHLTVVYFGKEGLSKVKSILESVTSESNFHNYTLVSLNEEFNR GRGLNVGARAWDKGEVLMFFCDVDIYFSAEFLNSCRLNAEPGKKVFYPVVFSLYNP AIVYANQEVPPPVEQQLVHKKDSGFWRDFGFGMTCQYRSDFLTIGGFDMEVKGWG

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	GEDVHLYRKYLHGDLIVIRTPVPGLFHLWHEKRCADELTPEQYRMCIQSKAMNEAPH SHLGMLVFREEIETHLHKQAYRTNSEAVG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	CSGALNACT2 chondroitin sulfate N-acetylgalactosaminyltransferase 2 [Homo sapiens]
Official Symbol	CSGALNACT2
Synonyms	CSGALNACT2; chondroitin sulfate N-acetylgalactosaminyltransferase 2; chondroitin beta1; 4 N acetylgalactosaminyltransferase 2; GALNACT 2; GALNACT2; MGC40204; PRO0082; beta4GalNAcT-2; beta 4 GalNAcT-2; chondroitin sulfate GalNAcT-2; chondroitin beta1,4 N-acetylgalactosaminyltransferase 2; chondroitin beta-1,4-N-acetylgalactosaminyltransferase 2; CHGN2; GALNACT-2; FLJ43310; DKFZp686H13226;
Gene ID	55454
mRNA Refseq	NM_018590

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Protein Refseq	NP_061060
MIM	616616
UniProt ID	Q8N6G5

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