

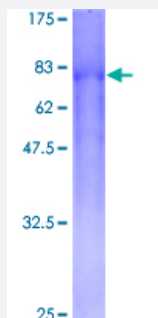
Full-Length

GALNACT-2 (Human) Recombinant Protein (P01)

Catalog # H00055454-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GALNACT-2 full-length ORF (AAH30268, 1 a.a. - 542 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPRRGLILHTRTHWLLLGLALLCSLVLFMYLLECAPQTDGNASLPGVVGENYGKEYYQALLQEQE
EHYQTRATSLKRQIAQLKQELQEMSEKMRSQERRNVGANGIGYSNKEQAPSDLLEFLHSQIDK
AEVSIGAKLPSEYGVIPFESFTLMKVFQLEMGLTRHPPEKPVRKDKRDELVEVIEAGLEVINNPD
DDEQEDEEGPLGEKLIFNENDFVEGYRTERDKGTQYELFFKKADLTEYRHVTFLRPFGPLMKVK
SEMDITRSIINIVPLAERTEAFVQFMQNFRDVCIHQDKKIHLTVVYFGKEGLSKVKSILESVTSES
NFHNYTLVSLNEEFNRGRGLNVGARAWDKGEVLMFFCDVDIYFSAEFLNSCRLNAEPGKKVFYPPV
FSLYNPAIVYANQEVPPPVEQQLVHKKDSGFWRDFGFGMTCQYRSDFLTIGGFDMVKGWGGE
DVHLYRKYLHGDLVIRTPVPGFLFHLWHEKRCADELTPEQYRMCIQSKAMNEAPSHLGMVLFRE
EIETHLHKQAYRTNSEAVG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.36

Interspecies Antigen Sequence

Mouse (92); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CSGALNACT2

Entrez GeneID	55454
GeneBank Accession#	BC030268
Protein Accession#	AAH30268
Gene Name	CSGALNACT2
Gene Alias	CSGalNAcT-2, DKFZp686H13226, FLJ43310, GALNACT-2, GALNACT2, MGC40204, PRO0082
Gene Description	chondroitin sulfate N-acetylgalactosaminyltransferase 2
Gene Ontology	Hyperlink
Gene Summary	4 N-acetylgalactosaminyltransferase 2 chondroitin sulfate GalNAcT-2
Other Designations	OTTHUMP00000019478 chondroitin beta1,4 N-acetylgalactosaminyltransferase 2 chondroitin sulfate GalNAcT-2

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)