

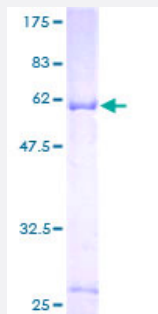
Full-Length

ChGn (Human) Recombinant Protein (P01)

Catalog # H00055790-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ChGn full-length ORF (AAH60772, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMMVRRGLLAWISRVVLLVLLCCAISVLYMLACTPKGDEEQLALPRANSPTGKEGYQAVLQEW
EEQHRNYVSSLKRQIAQLKEELQERSEQLRNGQYQASDAAGLGLDRSPPEKTQADLLAFLHSQV
DKAEVNAGVKLATEYAAVPFDSFTLQKVYQLETGLTRHPEEKPVKDKRDELVEAIESALETINN
PAENSPNHRPYTASDFIEGIYRTERDKGTYELTFKGDHKHEFKRLILFRPFGPIMKVENEKLNNAN
TLINVIVPLAKRVDKFRQFMQNFRPADEVFRCVPLSP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.41

Interspecies Antigen Sequence

Mouse (86); Rat (85)

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 — CSGALNACT1

Entrez GeneID[55790](#)**GeneBank Accession#**[BC060772](#)**Protein Accession#**[AAH60772](#)**Gene Name**

CSGALNACT1

Gene Alias

CSGalNAcT-1, ChGn, FLJ11264, FLJ13760, beta4GalNAcT

Gene Description

chondroitin sulfate N-acetylgalactosaminyltransferase 1

Gene Ontology[Hyperlink](#)**Gene Summary**

4 N-acetylgalactosaminyltransferase

Other Designations

OTTHUMP00000161400|chondroitin beta1,4 N-acetylgalactosaminyltransferase

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)