

Recombinant Full Length Human COLGALT2 Protein, GST-tagged

Cat. No. COLGALT2-5353HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GLT25D2 full-length ORF (BAG53004.1, 1 a.a. - 506 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	506 amino acids
Description	COLGALT2 (Collagen Beta(1-O)Galactosyltransferase 2) is a Protein Coding gene. Among its related pathways are Lysine degradation and Collagen chain trimerization. GO annotations related to this gene include procollagen galactosyltransferase activity. An important paralog of this gene is COLGALT1.
Molecular Mass	85.7 kDa
AA Sequence	MDEPESYPDEIGPKHWPTSRFAHVMKLRQAALRTAREKWSDYILFIDVDNFLTNPQT LNLLIAENKTIVAPMLESRLYSNFWCGITPKGFYKRTPDYVQIREWKRTGCFVPM VHSTFLIDLRKEASDKLTFYPPHQDYTWTFDDIIVFAFSSRQAGIQMYLCNREHYGYL PIPLKPHQTLQEDIENLIHVQIEAMIDRPPMEPSQYVSVVPKYPDKMGFDEIFMINLKR RKDRRDRMLRTLIEQEIEVKIVEAVDGKALNTSQLKALNIEMLPGYRDPYSSRPLTR GEIGCFLSHYSVWKEVIDRELEKTLVIEDDVRFEHQFKKKLMKLMDNIDQAQLDWELI YIGRKRMQVKEPEKAVPNVANLVEADYSYWTLG YVISLEGAQKLVGANPFGKMLPV DEFLPVMYNKHPVAEYKEYYESRDLKAFAEPLLIYPHTHYTGQPGYLSDTETSTIWD

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NETVATDWDRTTHAWKSRKQSQSRIYSNAKNTEALPPPTSLDTVPSRDEL

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

COLGALT2 collagen beta(1-O)galactosyltransferase 2 [Homo sapiens (human)]

Official Symbol

COLGALT2

Synonyms

C1orf17; GLT25D2; glycosyltransferase 25 domain containing 2

Gene ID

23127

mRNA Refseq

NM_015101

Protein Refseq

NP_055916

MIM

617533

UniProt ID

Q8IYK4

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