

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 GEIGCFLSHYSVWKEVIDRELEKTLVIEDDVRFEHQFKKKLMKLMNDIDQAQLDWELI YIGRKRMQVKEPEKAVPNVANLVEADYSYWTLGYSVISLEGAQKLVGANPFGKMLPV DEFLPVMYNKHPVAEYKEYYESRDLKAFAEPLLIYPHTHYTGQPGYLSDTETSTIWD

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	NETVATDWDRTTHAWKSRKQSRIYSNAKNTEALPPPTSLDTVPSRDEL
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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