

## Product datasheet for **LC438611**

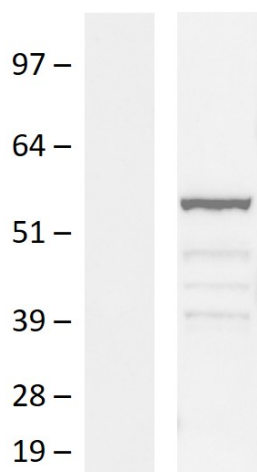
### GLT25D2 (COLGALT2) (NM\_001303421) Human Over-expression Lysate

#### Product data:

Product Type:	Over-expression Lysates
Description:	Transient overexpression lysate of collagen beta(1-O)galactosyltransferase 2 (COLGALT2), transcript variant 3
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	TrueORF Clone RC238611
Tag:	C-MYC/DDK
ACCN:	<u>NM_001303421</u> , <u>NP_001290350</u>
Synonyms:	C1orf17; ColGalT 2; GLT25D2
Predicted MW:	59.7 kDa
Components:	1 vial of 20 µg gene specific transient over-expression cell lysate
Storage:	The lysate can be shipped at ambient temperature. Upon receiving, store the sample at -20°C. Lysate samples can be reconstituted with SDS Sample Buffer. Avoid repeated freeze-thaw cycles after reconstitution. Lysate samples are stable for 12 months from date of receipt when stored at -20°C.
Preparation:	HEK293T cells in 10-cm dishes were transiently transfected with PEI and 5µg TrueORF cDNA plasmid. Transfected cells were cultured for 72hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.).
RefSeq:	<u>NP_001290350</u>
Locus ID:	23127
Cytogenetics:	1q25.3
Protein Families:	WB


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## Product images:



Western blot validation of overexpression lysate (Cat# [LY438611]) using anti-DDK antibody (Cat# [TA592569]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC238611] using transfection reagent PEI.