

Product datasheet for LC429857

OriGene Technologies, Inc.

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B3GALT5 (NM_033170) Human Over-expression Lysate

Product data:

Product Type: Over-expression Lysates

Description: B3GALT5 HEK293T cell transient overexpression lysate (as WB positive control)

Species: Human
Expression Host: HEK293T

Expression cDNA Clone

TrueORF Clone RC214669

or AA Sequence:

Tag: C-Myc/DDK

Detection Antibodies: Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)

ACCN: <u>NM 033170</u>, <u>NP 149360</u>

Synonyms: 3-GalTase 5; B3GalT-V; B3GalTx; B3T5; beta-1; beta-3-Gx-T5; beta3Gal-T5; GLCT5

Predicted MW: 36 kDa

Components: 1 vial of 20 ug lyophilized 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 MegaTran Transfection

Reagent (TT200002) and 5ug <u>TrueORF</u> cDNA plasmid. Transfected cells were cultured for 48hrs 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.). To facilitate transportation and protein, the

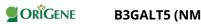
products are supplied as lyophilized proteins.

RefSeq: NP 149360

Locus ID: 10317 **Cytogenetics:** 21q22.2

Protein Families: Transmembrane





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Protein Pathways:

Glycosphingolipid biosynthesis - globo series, Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways