

#### OriGene Technologies, Inc.

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## Product datasheet for LY422649

#### GCOM1 (NM\_001018090) Human Over-expression Lysate

#### Product data:

Description:Transient overexpression lysate of GRINL1A complex locus (GCOM1), transcript variant 1Species:HumanExpression Host:HEK293TExpression CDNA Cloop or AA Sequence:TrueORF Clone RC223018Tag:C-My/DDKDetection Antibodies:Cone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACN:MM 001018090, NP 001018100Synonyms:gcom; Gcom2; GRINL1A; MYZAP; MYZAP-POLR2MPredicted MW:G.3.9 KDaComponents:Trial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg gene Specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2x5DS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage:The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C, Also after divid repeated freeze-thaw cycles. Lysate samples can be diluted with 2x5DS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when storeage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2x5DS sample Buffer gener, transfected cells were cultured for 48brs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH5, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF 150mM NaCl, 1% NP-	Product Type:	Over-expression Lysates		
Expression Host:HEK293TExpression cDNA CloneTrueORF Clone RC223018or AA Sequence:TrueORF Clone RC223018Tag:C-Myc/DDKDetection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001018090, NP 001018100Synonyms:gcom; Gcom2; GRINL1A; MYZAP; MYZAP-POLR2MPredicted MW:63.9 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell spiste in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTTStorage:The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Also after dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer (2500, 120002) and Sug TrueORE cDNA plasmid, Transfected cells were cultured for 48hrs before collection. The cells were lysed in molfied RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1MM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSP- 48hrs before collection. The cells were lysed in molfied RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1MM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSP- 48hrs before collection. The cells were lysed in molfied RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1MM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSP- 48hrs before collection. The cells were lysed in molfied RIPA buffer (25mM Tris-HCl pH7.6, and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentrationes measured by BCA	Description:	Transient overexpression lysate of GRINL1A complex locus (GCOM1), transcript variant 1		
Expression cDNA CloneTrueORF Clone RC223018Tag:C-Myc/DDKDetection Antibodies:Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001018090, NP 001018100Synonyms:gcom; Gcom2; GRINL1A; MYZAP; MYZAP-POLR2MPredicted MW:63.9 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 1250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage:The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Also after dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer or vided. Lysate samples are stable for 12 months from the date of receipt when stored at s0°C.Preparation:HEK293T cells in 10-cm dishes were transiently 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.). Cell lysates were aliquoted and stored at -20°C before shipping.RefSeq:NP.001018100	Species:	Human		
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<ul> <li>dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.</li> <li>Preparation: HEK293T cells in 10-cm dishes were transiently transfected with<u>MegaTran</u> 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.). Cell lysates were aliquoted and stored at -20°C before shipping.</li> <li>RefSeq: NP 001018100</li> </ul>	Components:	1 vial of 100 μg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002%		
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Locus ID: 145781	RefSeq:	<u>NP 001018100</u>		
	Locus ID:	145781		



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# GCOM1 (NM\_001018090) Human Over-expression Lysate – LY422649

Cytogenetics:

15q21.3

Protein Families: Druggable Genome

### **Product images:**

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Western blot validation of overexpression lysate (Cat# LY422649) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC223018] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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