

#### OriGene Technologies, Inc.

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# Product datasheet for LY427232

### Calmegin (CLGN) (NM\_001130675) Human Over-expression Lysate

#### **Product data:**

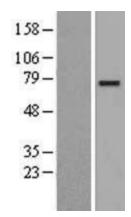
Description:Transient overexpression lysate of clamegin (CLGN), transcript variant 2Species:HumanExpression Host:HEK293TTag:CnuORF Clone RC226016Tag:CnuORF Clone RC226016Detection Antibodies:CnuORF Clone RC226012ACN:M. 001130675. NP 001124147Predicted MW:70 kDaComponents:Vial of 100 µg ene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg ene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg ene specific transient over-expression cell lysate in RIPA buffer 1 vial of 2001 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage:The lysate is shipped with dy lice. Upon receiving, store the sample ar-80°C, Also affer avoid repeated freez-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Freparation:Relysate is shipped with dy lice. Upon receiving, store the sample ar-80°C, Also affer avoid cup sate as samples are stable for 12 months from the date of receipt when store age. xori drepeated freez-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer (250 ML) Also ML, MN P4.0, 1MM EDTA, 1xProteinas enhibitor cocktail mix (Sigma), 1MM P4MS Sigma, 1MM NaCl, 1% NP-4.0, 1MM EDTA, 1xProteinas enhibitor cocktail mix (Sigma), 1MM P4MS Sigma, 1MM NaCl, 1% NP-4.0, 1MM EDTA, 1xProteinas enhibitor cocktail mix (Sigma), 1MM P4MS Sigma, 1MM NaCl, 1% NP-4.0, 1MM EDTA, 1xProteinas enhibitor cocktail mix (Sigma), 1MM P4MS Sigma, 1MM NaCl, 1% NP-4.0, 1MM EDTA, 1xProteinas enhibitor cocktail mix (Sigma), 1MM P4MS Sigma, 1MM NaCl, 1% NP-4.0, 1MM EDTA, 1xProteinas enhibitor c	Product Type:	Over-expression Lysates
Expression Host:HEK293TExpression cDNA CloneTrueORF Clone RC226016or AA Sequence:Chayc/DDKTag:C-Myc/DDKDetection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001130675, NP 001124147Predicted MW:70 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 lysate in RIPA buffer 1 vial of 250ul 2xSDs Sample Buffer (M% SDS, 125MM Tris-HCI 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 soroc.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-HCI pH7.6, Simm NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PM55 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 001124147Locus ID:1047	Description:	Transient overexpression lysate of calmegin (CLGN), transcript variant 2
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Detection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001130675, NP 001124147Predicted MW:70 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 1200 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% 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 provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT200002) and Sug <u>TrueORE cDNA plasmid. Transfected cells were cultured for Abrs 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 001124147Locus ID:1047</u>	•	TrueORF Clone RC226016
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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 withMegaTran Transfection Reagent (TT200002) and 5ug TrueORE 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 001124147</li> <li>Locus ID: 1047</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: 1047	Preparation:	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
	RefSeq:	<u>NP 001124147</u>
Cytogenetics: 4q31.1	Locus ID:	1047
	Cytogenetics:	4q31.1



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US **Protein Families:** 

Transmembrane

## **Product images:**



Western blot validation of overexpression lysate (Cat# LY427232) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC226016] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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