

#### OriGene Technologies, Inc.

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# Product datasheet for LY411417

### SCNM1 (NM\_024041) Human Over-expression Lysate

#### **Product data:**

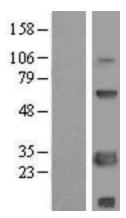
Description:Transient overexpression lysate of sodium channel modifier 1 (SCNM1)Species:HumanExpression Host:HEK293TExpression cDNA CloneTrueORF Clone RC200987or AA Sequence:C-Myc/DDKTag:C-Myc/DDKDetection Antibodies:Cone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACN:MM 024041, NP 076946Predicted MW:25.9 kDaComponents:Nial of 100 gg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 gg gene specific transient over-expression 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.Preparation:REX293T cells in 10-cm dishes were transiently transfected with MegaTran Transfection Reagent (TT200002) and Sug TrueORF cDNA plasmid, Transfected cells were cultured for 48hr before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, ShomM NAG1, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cockait mix (Sigma), 1mM PMSS and 1mM NAS04), and the centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -80°C.Refsere:NP 076946Locus ID:9005	Product Type:	Over-expression Lysates
Expression Host:HEK293TExpression cDNA Clone or AA Sequence:TrueORF Clone RC200987Tag:C-Myc/DDKDetection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 024041, NP 076946Predicted MW:25.9 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 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 forlong term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer rovided. Lysate samples are stable for 12 months from the date of receipt when stored at a80°C.Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT20002) and Sug TrueORF cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in molified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cockail 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:MP 076946	Description:	Transient overexpression lysate of sodium channel modifier 1 (SCNM1)
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or AA Sequence:Tag:C-Myc/DDKDetection Antibodies:Cone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 024041, NP 076946Predicted MW:5.9 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 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 (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002%) Bromophenol blue, 100mM DTT)Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT200002) and Sug <u>TrueORE</u> cDNA plasmid. Transfected cells were cultured for A8hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, S10mM 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°CRefSeq:NP 076946	Expression Host:	HEK293T
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Locus ID: 79005	RefSeq:	<u>NP 076946</u>
	Locus ID:	79005
Cytogenetics: 1q21.3	Cytogenetics:	1q21.3



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## **Product images:**



Western blot validation of overexpression lysate (Cat# LY411417) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC200987] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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