

#### OriGene Technologies, Inc.

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# Product datasheet for LY414105

#### Endomucin (EMCN) (NM\_016242) Human Over-expression Lysate

### **Product data:**

Description:Transient overexpression lysate of endomucin (EMCN), transcript variant 1Species:HumanExpression Host:HEK293TExpression cDNA Clone or AA Sequence:TrueORF Clone RC215698Tag:C-Myc/DDKDetection Antibodies:Cone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 016242, NP 057326Synonyms:EMCN2; MUC14Predicted MW:2.3 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 250ul zxDS Sample Buffer (4% 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 covec.Preparation:HEK293T cells in 10-cm dishes were transiently transfected cells were cultured for Reagent (TT200002) and Sug <u>TrueORF</u> CDNA plasmid. Transfected cells were cultured for Alsrs before collection. The cells were lysed in modified RIPA buffer (25MM Tris-HCI pH7.6, SimM NaCI, 1% NP-40, 1mM EDTA, 1XProteinase inhibitor cocktail mix (Sigma), 1mM PMS5 and 1mM Na3YO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted at -20°C broad concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted at -20°C broad colina into scienting colina into scienting colina into cocktail mix (Sigma). Transfection cocktail mix (Sigma).	Product Type:	Over-expression Lysates
Expression Host:HEK293TExpression cDNA Clone or AA Sequence:TrueORF Clone RC215698Tag:C-Myc/DDKDetection Antibodies:Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 016242, NP 057326Synonyms:EMCN2; MUC14Predicted MW:27.3 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 (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. Also after 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 (TT20002) 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 ant stored at -20°C	Description:	Transient overexpression lysate of endomucin (EMCN), transcript variant 1
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<ul> <li>1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer</li> <li>1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)</li> <li>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.</li> <li>Preparation: HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT200002) and Sug TrueORF 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</li> </ul>	Predicted MW:	27.3 kDa
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<b>RefSeq:</b> <u>NP 057326</u>	RefSeq:	<u>NP 057326</u>
Locus ID: 51705	Locus ID:	51705



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<b>ORÎGENE</b>	Endomucin (EMCN) (NM_016242) Human Over-expression Lysate – LY414105
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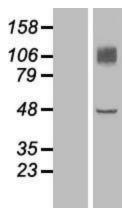
Cytogenetics:

4q24

Protein Families:

Transmembrane

## **Product images:**



Western blot validation of overexpression lysate (Cat# LY414105) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC215698] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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