

#### OriGene Technologies, Inc.

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# Product datasheet for LY423390

### Optineurin (OPTN) (NM\_001008211) Human Over-expression Lysate

### **Product data:**

Description:Transient overexpression lysate of optimeurin (OPTN), transcript variant 1Species:HumanExpression Host:HEK293TExpression cDNA Clone or AA Sequence:TrueORF Clone RC202470Tag:O-Myc/DDKDetection Antibodies:Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACN:MM 001008211, NP 001008212Synonyms:AL512; FIP2; GLC1E; HIP7; HYPL; NRP; TFIIIA-INTPPredicted MW:65.9 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 spate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCI pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)Storage:Relysate is shipped with dry ice. Upon receiving, store the sample at -80°C for long term storage, Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer yrovided. 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 cells were cultured for Alshs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCI pH7.6, SlomM NACI, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMS5 shore shipping.	Product Type:	Over-expression Lysates
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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:	65.9 kDa
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RefSeq:         NP 001008212	RefSeq:	<u>NP 001008212</u>
Locus ID: 10133	Locus ID:	10133



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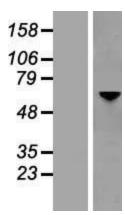
# **ORIGENE** Optineurin (OPTN) (NM\_001008211) Human Over-expression Lysate – LY423390

Cytogenetics:

10p13

Protein Families: Druggable Genome

### **Product images:**



Western blot validation of overexpression lysate (Cat# [LY423392]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC221836] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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