

## Product datasheet for **LY416198**

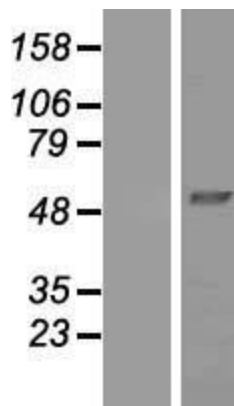
### NDUFV1 (NM\_007103) Human Over-expression Lysate

#### Product data:

<b>Product Type:</b>	Over-expression Lysates
<b>Description:</b>	Transient overexpression lysate of NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa (NDUFV1), nuclear gene encoding mitochondrial protein, transcript variant 1
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	TrueORF Clone RC204954
<b>Tag:</b>	C-Myc/DDK
<b>Detection Antibodies:</b>	Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)
<b>ACCN:</b>	<u>NM_007103</u> , <u>NP_009034</u>
<b>Synonyms:</b>	CI-51K; CI51KD; MC1DN4; UQOR1
<b>Predicted MW:</b>	50.8 kDa
<b>Components:</b>	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)
<b>Storage:</b>	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.



<b>Preparation:</b>	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.).
<b>RefSeq:</b>	<u>NP_009034</u>
<b>Locus ID:</b>	4723
<b>Cytogenetics:</b>	11q13.2
<b>Protein Families:</b>	WB
<b>Protein Pathways:</b>	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

**Product images:**

Western blot validation of overexpression lysate (Cat# LY416198) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC204954] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).