# **Product Datasheet**

# KLHL22 Overexpression Lysate NBL1-12336

Unit Size: 0.1 mg

Store at -80C. Avoid freeze-thaw cycles.

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# NBL1-12336

KLHL22 Overexpression Lys	ate	
Product Information		
Unit Size	0.1 mg	
Concentration	The exact concentration of the protein of interest cannot be determined for overexpression lysates. Please contact technical support for more information.	
Storage	Store at -80C. Avoid freeze-thaw cycles.	
Buffer	RIPA buffer	
Target Molecular Weight	71.5 kDa	
<b>Product Description</b>		
Description	KLHL22 Transient Overexpression Lysate	
	Expression Host: HEK293T	
	Plasmid: RC204296	
	Accession#: NM_032775	
	Protein Tag: C-MYC/DDK	
	You will receive 1 vial of lysate (100ug), 1 vial of empty vector negative control (100ug), and 1 vial of 2xSDS sample buffer (250ul). Each vial of cell lysate contains 100ug of total protein (at 1 mg/ml). The 2xSDS Sample Buffer consists	

	of 4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT.
Gene ID	84861
Gene Symbol	KLHL22
Species	Human
Notes	HEK293T cells in 10-cm dishes were transiently transfected with a non-lipid polymer transfection reagent specially designed and manufactured for large volume DNA transfection. 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, 1mM PMSF and 1mM Na3VO4, and then centrifuged to clarify the lysate. Protein concentration was measured by BCA protein assay kit.

Lysate Type	Overexpression	
Product Application Details		
Applications	Western Blot	



Western Blot

**Recommended Dilutions** 

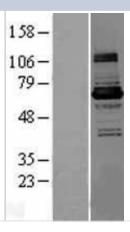
#### **Application Notes**

This product is intended for use as a positive control in Western Blot. Overexpression of the target protein was confirmed using an antibody to DDK (FLAG) epitope tag (NBP1-71705) present on the protein construct.

Each vial of cell lysate contains 100ug of total protein which should be sufficient for 20-50 reactions. Depending on over-expression level, antibody affinity and detection system, some lysates can go as low as 0.1 ug per load. We recommend starting with 5ug of cell lysate. Add an equal amount of cell lysate and 2X SDS Sample buffer and boil the SDS samples for 10 minutes before loading.

### **Images**

Western Blot: KLHL22 Overexpression Lysate (Adult Normal) [NBL1-12336] Left-Empty vector transfected control cell lysate (HEK293 cell lysate); Right -Over-expression Lysate for KLHL22.





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## **Products Related to NBL1-12336**

H00084861-P01-10ug Recombinant Human KLHL22 GST (N-Term) Protein

NB100-294 Aurora B Antibody - BSA Free

NBP2-17081 KLHL22 Antibody NB100-58788 Cullin 3 Antibody

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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