Product Datasheet

Protein phosphatase 1F Overexpression Lysate NBL1-14661

Unit Size: 0.1 mg

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

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NBL1-14661

Protein phosphatase 1F Overexpression Lysate

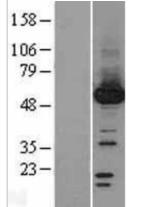
Product Information		
Unit Size	0.1 mg	
Concentration	The exact concentration of the protein of interest cannot be determined for overexpression lysates. Please contact technical support for more information.	
Storage	Store at -80C. Avoid freeze-thaw cycles.	
Buffer	RIPA buffer	
Target Molecular Weight	49.7 kDa	
Product Description		
Description	Protein phosphatase 1F Transient Overexpression Lysate	
	Expression Host: HEK293T	
	Plasmid: RC210043	
	Accession#: NM_014634	
	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	9647	
Gene Symbol	PPM1F	
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-HCI 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	
Recommended Dilutions	Western Blot	



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 (<u>NBP1-71705</u>) 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: Protein phosphatase 1F Overexpression Lysate (Adult Normal) [NBL1-14661] Left-Empty vector transfected control cell lysate (HEK293 cell lysate); Right -Over-expression Lysate for Protein phosphatase 1F.







Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

Products Related to NBL1-14661

NBP2-23384	Recombinant Human Protein phosphatase 1F His Protein
NBP2-59690-100ug	Rhodopsin Antibody (4D2)
NBP1-88207	Protein phosphatase 1F Antibody
MAB41051	Patched 1/PTCH Antibody (413220) [Unconjugated] - (First Extracellular Loop)

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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