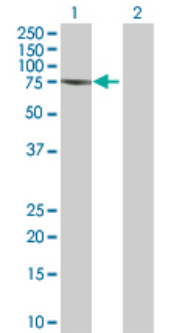
PPM1G 293T Cell Transient Overexpression Lysate(Denatured)

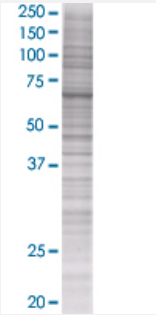
Catalog # H00005496-T01 Size 100 uL

Applications



Western Blot

Lane 1: PPM1G transfected lysate (59.3 KDa)
Lane 2: Non-transfected lysate.



SDS-PAGE Gel

PPM1G transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PPM1G full-length
Host	Human
Theoretical MW (kDa)	60.17
Interspecies Antigen Sequence	Mouse (92); Rat (93)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PPM1G antibody (H00005496-B01) by Western Blots. Western Blot Lane 1: PPM1G transfected lysate (59.3 KDa) Lane 2: Non-transfected lysate. SDS-PAGE Gel PPM1G transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PPM1G

Entrez GeneID	5496
GeneBank Accession#	NM_002707
Protein Accession#	NP_002698
Gene Name	PPM1G
Gene Alias	MGC1675, MGC2870, PP2CG, PP2CGAMMA, PPP2CG
Gene Description	protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform
Omim ID	605119
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome. Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq
Other Designations	OTTHUMP00000123426|PP2C, gamma|protein phosphatase 1C|protein phosphatase 1G|protein phosphatase 2, catalytic subunit, gamma isoform|protein phosphatase 2C gamma isoform|protein phosphatase magnesium-dependent 1 gamma

Disease

- Alcoholism
- Conduct Disorder