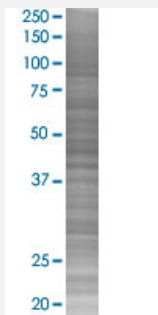


EPM2A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007957-T02

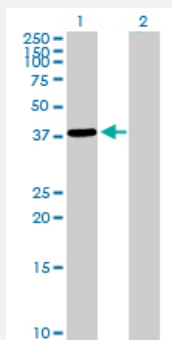
Size 100 uL

Applications



SDS-PAGE Gel

EPM2A transfected lysate.



Western Blot

Lane 1: EPM2A transfected lysate (37.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-EPM2A full-length
Host	Human
Theoretical MW (kDa)	37.2
Interspecies Antigen Sequence	Mouse (89); Rat (91)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EPM2A antibody ([H00007957-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 EPM2A transfected lysate.
 Western Blot
 Lane 1: EPM2A transfected lysate (37.20 KDa)
 Lane 2: Non-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 — EPM2A

Entrez GeneID

[7957](#)

GeneBank Accession#

[BC070047.1](#)

Protein Accession#

[AAH70047.1](#)

Gene Name

EPM2A

Gene Alias

EPM2, MELF

Gene Description

epilepsy, progressive myoclonus type 2A, Lafora disease (laforin)

Omim ID

[254780 607566](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a dual-specificity phosphatase that associates with polyribosomes. The encoded protein may be involved in the regulation of glycogen metabolism. Mutations in this gene have been associated with myoclonic epilepsy of Lafora. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

OTTHUMP00000017360|epilepsy, progressive myoclonus type 2, Lafora disease (laforin)|laforin

Disease

- [Epilepsy](#)
- [Lafora Disease](#)