Recombinant Human EPM2A cell lysate

Cat. No. EPM2A-568HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	EPM2A epilepsy, progressive myoclonus type 2A, Lafora disease (laforin) [Homo sapiens]
Official Symbol	EPM2A
Synonyms	EPM2A; epilepsy, progressive myoclonus type 2A, Lafora disease (laforin); epilepsy, progressive myoclonus type 2, Lafora disease (laforin); laforin; LD; LDE; LAFPTPase; lafora PTPase; EPM2; MELF;

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Gene ID	7957
mRNA Refseq	NM_001018041
Protein Refseq	NP_001018051
MIM	607566
UniProt ID	B3EWF7
Chromosome Location	6q24
Function	carbohydrate binding; hydrolase activity; protein binding; protein serine/threonine phosphatase activity; protein serine/threonine phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity; starch binding;

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