

Recombinant Full Length Human EPM2A Protein, GST-tagged

Cat. No. EPM2A-4388HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EPM2A full-length ORF (AAH70047.1, 1 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	331 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	63.6 kDa
AA Sequence	MRFRFGVVPPAVAGARPELLVVGSRPELGRWEPRGAVRLRPAGTAAGDGALALQ EPGLWLGEVELAAEEAAQDGAEPGRVDTFWYKFLKREPGGELSWEGNGPHHDC CTYNENNLVDGVYCLPIGHWIEATGHTNEMKHTTDFYFNIAGHQAMHYSRILPNIWL GSCPRQVEHVTIKIKHELGITAVMNFKTEWDIVQNSSGCNRYPEPMTPTDMIKLYRE EGLAYIWMPTPDMSTEGRVQMLPQAVCLLHALLEKGHIVYVHCNAGVGRSTAAVCG WLQYVMGWNLRKVQYFLMAKRPAVYIDEEALARAQEDFFQKFGKVRSSVCSL
Applications	Enzyme-linked Immunoabsorbent Assay

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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;

Gene ID [7957](#)

mRNA Refseq [NM_001018041](#)

Protein Refseq [NP_001018051](#)

MIM [607566](#)

UniProt ID [B3EWF7](#)

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