

# Recombinant Full Length Human EPM2AIP1 Protein, GST-tagged

**Cat. No.** EPM2AIP1-4390HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human EPM2AIP1 full-length ORF ( NP_055620.1, 1 a.a. - 607 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 607 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | The EPM2A gene, which encodes laforin, is mutated in an autosomal recessive form of adolescent progressive myoclonus epilepsy. The protein encoded by this gene binds to laforin, but its function is not known. This gene is intronless. [provided by RefSeq, Oct 2008]                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 96.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MWMTPKRSKMEVDEALVFRPEWTQRYLVVEPPEGDGALCLVCRRRLIVATRERDVR<br>RHYEAEHEYERYVADGERAALVERLRQGDLPVASFTPEERAARAGLGLCRLLALK<br>GRGWGEGDFVYQCM EVLLREVLPEHVSVLQGV DLS PDITRQRILSIDRNLRNQLFN<br>RARDFKAYSLALDDQAFVAYENYLLVFIRGVGPELEVQEDLLTIINLTHHFSVGALMS<br>AILESLQTAGLSLQRMVGLTTHTLRMIGENSGLVSYMREKAVSPNCWNVIHYSGFL<br>HLELLSSYDVDVNQIINTISEWIVLIKTRGVRRPEFQTLT ESESEHGERVNGRCLNN<br>WLRRGKTLKLIFSLRKEMEAFLVSVGATTVHFSDKQWLCDFGFLVDIMEHLRELSEE<br>LRVSKVFAAAAFDHICTFEVKLNLFQRHIEEKNLTDFPALREVVD ELKQ QNKEDEKIF |

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DPDRYQMVICRLQKEFERHFKDLRFIKKDLELFSNPFNFKPEYAPISVRVELTKLQAN  
TNLWNEYRIKDLGQFYAGLSAESYPIIKGVACKVASLFDSNQICEKAFSYLTRNQHTL  
SQPLTDEHLQALFRVATTEMEPGWDDLVRERNESNP

**Applications**

Enzyme-linked Immunoabsorbent Assay  
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**

EPM2AIP1 EPM2A (laforin) interacting protein 1 [ Homo sapiens ]

**Official Symbol**

EPM2AIP1

**Synonyms**

EPM2AIP1; EPM2A (laforin) interacting protein 1; EPM2A-interacting protein 1;  
FLJ11207; KIAA0766; EPM2A interacting protein 1; laforin-interacting protein;

**Gene ID**

9852

**mRNA Refseq**

NM\_014805

**Protein Refseq**

NP\_055620

**MIM**

607911

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UniProt ID

Q7L775

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