

Recombinant Full Length Human EPM2AIP1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human EPM2AIP1 full-length ORF (NP_055620.1, 1 a.a. - 607 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	607 amino acids
Description	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]
Molecular Mass	96.8 kDa
AA Sequence	MWMTPKRSKMEVDEALVFRPEWTQRYLVVEPPEGDGALCLVCRRRLIVATRERDVR RHYEAEHEYERYVADGERAALVERLRQGDLPVASFTPEERAARAGLGLCRLALK GRGWGEGDFVYQCM EVLLREVLPEHVSVLQGV DLS PDITRQRILSIDRNLRNQLFN RARDFKAYSLALDDQAFVAYENYLLVFIRGVGPELEVQEDLLTIINLTHHFSVGALMS AILESLQTAGLSLQRMVGLTTTHTLRMIGENSGLVSYMREKAVSPNCWNVIHYSGFL HLELLSSYDVDVNQIINTISEWIVLIKTRGVRRPEFQTLT ESESEHGERVNGRCLNN WLRRGKTLKLIFSLRKEMEAFLVSVGATTVHFSDKQWLCDFGFLVDIMEHLRELSEE LRVSKVFAAAAFDHICTFEVKLNLFQRHIEEKNLTDFPALREVVD ELKQ QNKEDEKIF

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DPDRYQMVICRLQKEFERHFKDLRFIKKDLELFSNPFNFKPEYAPISVRVELTKLQAN
TNLWNEYRIKDLGQFYAGLSAESYPIIKGVACKVASLFDSNQICEKAFSYLTRNQHTL
SQPLTDEHLQALFRVATTEMPEPGWDDLVRERNESNP

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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