

Recombinant Human EPM2AIP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EPM2AIP1-6056H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPM2AIP1 MS Standard C13 and N15-labeled recombinant protein (NP_055620) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	70.4 kDa
AA Sequence	MWMTPKRSKMEVDEALVFRPEWTQRYLVVEPPEGDGALCLVCRRRLIVATRERDVR RHYEAEHEYERYVADGERAALVERLRQGDLPVASFTPEERAARAGLGLCRLLALK GRGWGEGDFVYQCM EVLLREVLPEHVSVLQGV DLS PDITRQRILSIDRNLRNQLFN RARDFKAYSLALDDQAFVAYENYLLVFIRGVGPELEVQEDLLTIINLTHHFSVGALMS AILESLQTAGLSLQRMVGLTTHTLRMIGENSGLVSYMREKAVSPNCWNVIHYSGLF HLELLSSYDVDVNQIINTISEWIVLIKTRGVRRPEFQTLLTESESEHGERVNGRCLNN WLRRGKTLKLIFSLRKEMEAFLVSVGATTVHFSDKQWLCDGFLVDIMEHLRELSEE LRVSKVFAAAAFDHICTFEVKLNLFQRHIEEKNLTDFPALREVVDLKKQNKEDKIF DPDRYQMVICRLQKEFERHFKDLRFIKKDLELFSNPFNFKPEYAPISVRVELTKLQAN TNLWNEYRIKDLGQFYAGLSAESYPIIKGVACKVASLFDSNQICEKAFSYLTRNQHTL

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	SQPLTDEHLQALFRVATTEMPEPGWDDLVRERNESNPTRTRPLEQKLISEEDLAANDI LDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EPM2AIP1 EPM2A interacting protein 1 [Homo sapiens (human)]
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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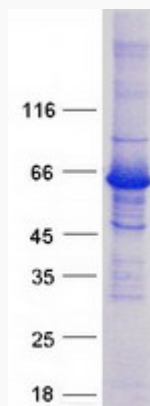
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UniProt ID

Q7L775

SDS-PAGE

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