

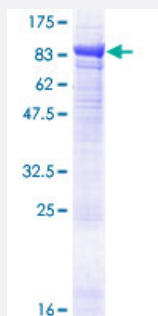
Full-Length

EPM2AIP1 (Human) Recombinant Protein (P01)

Catalog # H00009852-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EPM2AIP1 full-length ORF (NP_055620.1, 1 a.a. - 607 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWMTPKRSKMEVDEALVFRPEWTQRYLVVEPPEGDGALCLVCRRLVATRERDVRRHYEAEHE
YYERYVADGERAALVERLRQGDLPVASFTPEERAARAGLGCLRLALKGRGWGEGDFVYQCME
VLLREVLPEHVSVLQGVDLSPDITRQRILSIDRNLRNQLFNRARDFKAYSLALDDQAFVAYENYLLV
FIRGVGPELEVQEDLLTIINLTHHFSVGALMSAILESLQTAGLSLQRMVGLTTHTLRMIGENSGLV
YMREKAVSPNCWNVIHYSGLHLELLSSYDVDVNQIINTISEWVLIKTRGVRRPEFQTLTSESEH
GERVNGRCLNNWLRGKTLKLIFSLRKEMEAFLVSVGATTVHFSDKQWLCDFGLVDIMEHLREL
SEELRVSKVFAAAAFDHICTFEVKLNLFQRHIEEKNLTDFPALREVDELKQQNKEDEKIFDPDRY
QMVICRLQKEFERHFKDRLRFIKKDLELFSNPFNFKPEYAPISVRVELTKLQANTNLWNEYRIKDLGQ
FYAGLSAESYPIIKGVACKVASLFDSNQICEKAFSYLTRNQHTLSQPLTDEHLQALFRVATTEMPEPG
WDDLVRERNESNP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

96.8

Interspecies Antigen Sequence

Mouse (89); Rat (88)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EPM2AIP1

Entrez GeneID	9852
GeneBank Accession#	NM_014805.2
Protein Accession#	NP_055620.1
Gene Name	EPM2AIP1
Gene Alias	FLJ11207, KIAA0766
Gene Description	EPM2A (laforin) interacting protein 1
Omim ID	607911
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	EPM2A interacting protein 1

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)