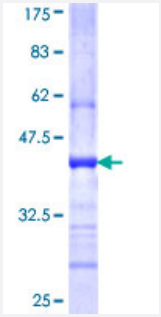
EPM2A (Human) Recombinant Protein (Q01)

Catalog # H00007957-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EPM2A partial ORF (NP_001018051, 101 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GNGPHHDRCCTYNENNLVDGVYCLPIGHWIEATGHTNEMKHTTDFYFNIAGHQAMHYSRILPNIWL GSCPRQVEHVTIKLKHELGITAVMNFQTEWDIV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (95); Rat (97)
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 — EPM2A

Entrez GeneID	7957
GeneBank Accession#	NM_001018041
Protein Accession#	NP_001018051
Gene Name	EPM2A
Gene Alias	EPM2, MELF
Gene Description	epilepsy, progressive myoclonus type 2A, Lafora disease (laforin)
Omim ID	254780 607566
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a dual-specificity phosphatase that associates with polyribosomes. The enco ded 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 transcri pt variants. [provided by RefSeq
Other Designations	OTTHUMP00000017360|epilepsy, progressive myoclonus type 2, Lafora disease (laforin)|laforin

Disease

- Epilepsy
- Lafora Disease