

Recombinant Human PNMA3 Protein, His-tagged

Cat. No. PNMA3-2412H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNMA3 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene belongs to the paraneoplastic antigen MA (PNMA) family, which shares homology with retroviral Gag proteins. The PNMA antigens are highly expressed in the brain and also in a range of tumors associated with serious neurological phenotypes. PMID:16407312 reports the presence of a functional -1 ribosomal frameshift signal (consisting of a heptanucleotide shift motif followed 3' by a pseudoknot structure) in this gene, however, the frame-shifted product has not been characterized. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	52.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PNMA3 paraneoplastic Ma antigen 3 [Homo sapiens]
Official Symbol	PNMA3
Synonyms	MA3; MA5
Gene ID	29944
mRNA Refseq	NM_013364
Protein Refseq	NP_037496
MIM	300675
UniProt ID	Q9UL41

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