Product datasheet for TP760944

PNMA3 (NM_013364) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human paraneoplastic antigen MA3 (PNMA3), full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length PNMA3
Tag:	N-His
Predicted MW:	52.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_037496
Locus ID:	29944
UniProt ID:	Q9UL41
RefSeq Size:	3768
Cytogenetics:	Xq28
RefSeq ORF:	1389
Synonyms:	MA3; MA5

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Summary: 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. [provided by RefSeq, Sep 2013]

Product images: