

Product datasheet for TP506008

Pelo (NM_134058) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse pelota mRNA surveillance and ribosome rescue factor (Pelo), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206008 protein sequence Red =Cloning site Green =Tags(s)

MKLVKRDIEKDNAGQVTLVPEEPEDMWHTYNLVQVGDLSLRASTIRKVKQTESSTGSVGSNRVRTTLTLCVE
AIDFDSQACQLRVKGTNIQENEYVKMGAYHTIELEPNRQFTLAKKQWDSVVLERIEQACDPAWSADVA
VMQEGLAHVCLVTPSMTLTRAKVEVNIPRKRKGNCSQHDRALERFYEQVWQAIQRHINFEVVKCVL
GQVREQFCDYMFQAVKTDNKVLLNRSKFLQVHASSGHKYSLEALCDPTVASRLSDTKAAGEVKALDD
FYKMLQHEPDRAFYGLKQVERANEALAITLLISDELFRHQDVATRSRYVRLVDSVKENAGTVRIFSSLH
VSGEQLGQLTGVAAILRFPVPELSDQEDDSSSEED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	43.4 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, 100 mM glycine, pH 7.3, 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 after receiving vials.
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_598819
Locus ID:	105083
UniProt ID:	Q80X73



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RefSeq Size: 1588

Cytogenetics: 13 D2.2

RefSeq ORF: 1158

Synonyms: AA409897; AI852218

Summary: Required for normal chromosome segregation during cell division and genomic stability. May function in recognizing stalled ribosomes and triggering endonucleolytic cleavage of the mRNA, a mechanism to release non-functional ribosomes and degrade damaged mRNAs. May have ribonuclease activity (Potential).[UniProtKB/Swiss-Prot Function]