

Recombinant Human PELO Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PELO-5356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PELO MS Standard C13 and N15-labeled recombinant protein (NP_057030) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein which contains a conserved nuclear localization signal. The encoded protein may have a role in spermatogenesis, cell cycle control, and in meiotic cell division.
Molecular Mass	43.4 kDa
AA Sequence	MKLVRKNIEKDNAGQVTLVPEEPEDMWHTYNLVQVGDSLRASTIRKVQTESSTGSV GSNRVRTTLTLCVEAIDFDSQACQLRVKGTNIQENEYVKMGAYHTIELEPNRQFTLA KKQWDSVVLIERIEQACDPAWSADVAAVVMQEGLAHICLVTPSMTLTRAKVEVNIPR KRKGNC SQHDRALERFYEQVVQAIQRHIFD VVKCILVASPGFVREQFCDYMFQQA VKTDNKLLENRSKFLQVHASSGHKYS LKEALCDPTVASRLSDTKAAGEVKALDDFY KMLQHEPDRAFYGLKQVEKANEAMAIDTLLISDELFRHQDVATRSRYVRLVDSVKEN AGTVRIFSSLHVSQEQLSQLTGVAAILRFPVPELSDQEGDSSSEEDTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PELO pelota mRNA surveillance and ribosome rescue factor [Homo sapiens (human)]
Official Symbol	PELO
Synonyms	PELO; pelota homolog (Drosophila); pelota (Drosophila) homolog; protein pelota homolog; CGI-17; PRO1770;
Gene ID	53918
mRNA Refseq	NM_015946
Protein Refseq	NP_057030
MIM	605757
UniProt ID	Q9BRX2

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SDS-PAGE

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