

## Product datasheet for TP517466

### Pphln1 (NM\_175363) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse periphilin 1 (Pphln1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217466 representing NM_175363 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MWSEGRYDYDRLPRERVPPRSHPSPDESGYRWLRDDHSTSRQPDYRDMRDGFRRKSFYSSHYSRDRSPHKR  
DAPFFRESPVGRKDSPHSRSGSSVSSRSYSPERSRTHSFHQSQHRKSSRVGASYKRQNEAIRGRGKERSI  
QSVKTSRDASPSSSAVASSKALDKPSRLTEKELAEASKWANETLEKSDESNLAEMNEFEAGSTAPLFI  
DQTEEPESNTVDGTELYEDSQLSNRSKAIASKTKEIEQVYRQDCETFGMVVKMLIEKDPSLEKSVQFALR  
QNLHEIGERCVEELKRFITEYDNSAQDFGDPF

**SGP**TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	36.4 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:	<u><a href="#">NP_780572</a></u>
Locus ID:	223828
UniProt ID:	<u><a href="#">Q8K2H1</a></u> , <u><a href="#">Q3UBL8</a></u> , <u><a href="#">Q3TYM7</a></u>



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RefSeq Size: 3828

Cytogenetics: 15 E3

RefSeq ORF: 936

Synonyms: CR; HSPC206; HSPC232

**Summary:** Component of the HUSH complex, a multiprotein complex that mediates epigenetic repression. The HUSH complex is recruited to genomic loci rich in H3K9me3 and is probably required to maintain transcriptional silencing by promoting recruitment of SETDB1, a histone methyltransferase that mediates further deposition of H3K9me3. In the HUSH complex, contributes to the maintenance of the complex at chromatin. Acts as a transcriptional corepressor and regulates the cell cycle, probably via the HUSH complex. The HUSH complex is also involved in the silencing of unintegrated retroviral DNA: some part of the retroviral DNA formed immediately after infection remains unintegrated in the host genome and is transcriptionally repressed. May be involved in epithelial differentiation by contributing to epidermal integrity and barrier formation.[UniProtKB/Swiss-Prot Function]