

Product datasheet for TP516659

Ppie (NM_019489) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peptidylprolyl isomerase E (cyclophilin E) (Ppie), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216659 representing NM_019489 Red=Cloning site Green=Tags(s)

MATTKRVLVVGGLAAEEVDDKVLHAAFIPFGDITDIQIPLDYETEKHRGFVFEFELAEDAAAAIDNMNES
ELFGRTIRVNLAKPMRIKEGSSRPVWSDDDLWKKFSGKLEENKKEEGPEPPKAEAEQEPTAKKARSNP
QVYMDIKIGNKPAQRIQMLLRSDVVPMTAENFRCLCTHEKGFKGSSFHRIIPQFMCQGGDFTNHNGTG
GKSIYGKKFDDENFILKHTGPGLLSMANS GPNTNGSQFFLTCDKTDWLDGKHVVFGEVTEGLDVLRLQIEA
QGSKDGGKPKQKVMIA DCGEYM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	33.4 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_062362
Locus ID:	56031
UniProt ID:	Q9QZH3



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RefSeq Size: 1168

Cytogenetics: 4 D2.2

RefSeq ORF: 903

Synonyms: 2010010D16Rik; Cyp33

Summary: Involved in pre-mRNA splicing as component of the spliceosome. Combines RNA-binding and PPIase activities. Binds mRNA and has a preference for single-stranded RNA molecules with poly-A and poly-U stretches, suggesting it binds to the poly(A)-region in the 3' UTR of mRNA molecules. Catalyzes the cis-trans isomerization of proline imidic peptide bonds in proteins. Inhibits KMT2A activity; this requires proline isomerase activity.[UniProtKB/Swiss-Prot Function]