

Product datasheet for PH314435

Cyclophilin E (PPIE) (NM_006112) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPIE MS Standard C13 and N15-labeled recombinant protein (NP_006103)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214435
Predicted MW:	33.4 kDa
Protein Sequence:	>RC214435 protein sequence Red=Cloning site Green=Tags(s) MATTRVLYVGLAAEVDDKVLHAAFIPFGDITDIQIPLDYETEKHRGFAFVEFELAEDAAAAIDNMNES ELFGRTIRVNLAKPMRIKEGSSRPVWSDDDWLKKFSGKLEENKEEEGSEPPKAETQEGEPIAKKARSNP QVYMDIKIGNKPAGRIQMLLRSDVVPMTAENFRCLCTHEKGFKGFSSFHRIIPQFMCGGDFTNHNGTG GKSIYGGKFDDEFILKHTGPGLLSMANS GPNTNGSQFFLTCDKTDWLDGKHVVFGVTEGLDVLRLQIEA QGSKDGKPKQKVIADCGEYV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006103</u>
RefSeq Size:	4392
RefSeq ORF:	903
Synonyms:	CYP-33; CYP33
Locus ID:	10450



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UniProt ID: [Q9UNP9](#)

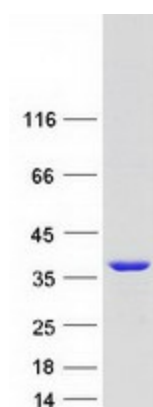
Cytogenetics: 1p34.2

Summary: The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities, and it also exhibits RNA-binding activity. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 1, has been identified. [provided by RefSeq, Aug 2010]

Protein Families: Transcription Factors

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified PPIE protein (Cat# [TP314435]). The protein was produced from HEK293T cells transfected with PPIE cDNA clone (Cat# [RC214435]) using MegaTran 2.0 (Cat# [TT210002]).