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Product datasheet for AR09069PU-N

Cyclophilin E (1-301, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Cyclophilin E (1-301, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMATT KRVLYVGGLA EEVDDKVLHA AFIPFGDITD IQIPLDYETE KHRGFAFVEF ELAEDAAAAI DNMNESELFG RTIRVNLAKP MRIKEGSSRP VWSDDDWLKK FSGKTLEENK EEEGSEPPKA ETQEGEPIAK KARSNPQVYM DIKIGNKPAG RIQMLLRSDV VPMTAENFRC LCTHEKGFGF KGSSFHRIIP QFMCQGGDFT NHNGTGGKSI YGKKFDDENF ILKHTGPGLL SMANSGPNTN GSQFFLTCDK TDWLDGKHVV FGEVTEGLDV LRQIEAQGSK DGKPKQKVII ADCGEYV
Tag:	His-tag
Predicted MW:	37.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PPIE, fused to His-tag, was expressed in E.coli and purified by conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001181936
Locus ID:	10450
UniProt ID:	Q9UNP9
Cytogenetics:	1p34.2
Synonyms:	CYP-33; CYP33

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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: