Datasheet for ABIN7318368

PPIE Protein (His tag)

Overview

Quantity:	50 µg
Target:	PPIE
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPIE protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cyclophilin E/PPIE Protein (His Tag)
Sequence:	Met 1-Val301
Characteristics:	Recombinant Human Peptidyl-Prolyl cis-trans Isomerase E is produced by our E.coli expression system and the target gene encoding Met1-Val301 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PPIE
Alternative Name:	Cyclophilin E/PPIE (PPIE Products)
Background:	Background: Peptidyl-prolyl cis-trans isomerase E, also known as Cyclophilin E, Cyclophilin-33, Rotamase E, CYP33, PPIE, is an enzyme which belongs to the cyclophilin-type PPIase family of

Target Details

PPIase E subfamily. PPIE found in all the examined tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. PPIE contains one PPIase cyclophilin-type domain and one RRM (RNA recognition motif) domain. PPIE accelerates the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIE combines RNA-binding and PPIase activities. It may be involved in muscle- and brain-specific processes and pre-mRNA splici

Synonym: Peptidyl-Prolyl Cis-Trans Isomerase E, PPIase E, Cyclophilin E, Cyclophilin-33, Rotamase E, PPIE, CYP33

Molecular Weight:	35.6 kDa
UniProt:	Q9UNP9

Application Details

Restrictions:	For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 μm filtered solution of 20 mM TrisHCl, pH 8.0.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.