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Datasheet for ABIN7318882 PPID Protein (His tag)

Overview

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

Product Details

Purpose:	Recombinant Human Cyclophilin D/PPID Protein (His Tag)
Sequence:	Met 1-Ala370
Characteristics:	Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase D is produced by our E.coli expression system and the target gene encoding Met1-Ala370 is expressed with a 6His tag at the N-terminus, 6His tag at the C-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:	PPID
Alternative Name:	Cyclophilin D/PPID (PPID Products)
Background:	Background: Peptidyl-Prolyl Cis-Trans Isomerase D (PPID) belongs to the cyclophilin-type PPIase family and PPIase D subfamily. PPID is widely expressed and it contains one PPIase

Target Details

cyclophilin-type domain and three TPR repeats. PPID catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerates the folding of proteins. PPID can bind to the immunosuppressant cyclosporine A and is known that its overexpression suppresses the apoptosis in cancer cells.

Synonym: Peptidyl-Prolyl Cis-Trans Isomerase D, PPIase D, 40 kDa Peptidyl-Prolyl Cis-Trans Isomerase, Cyclophilin-40, CYP-40, Cyclophilin-Related Protein, Rotamase D, PPID, CYP40, CYPD

Molecular Weight: 43.9 kDa

UniProt: [Q08752](#)

Pathways: [Nuclear Hormone Receptor Binding](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.