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Datasheet for ABIN1315874

PPID Protein (AA 1-370) (GST tag)

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Overview

Quantity:	10 µg
Target:	PPID
Protein Characteristics:	AA 1-370
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPID protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	PPID (Human) Recombinant Protein (P01)
Sequence:	MSHPSPQAKP SNPSNPRVFF DVDIGGERVG RIVLELFADI VPKTAENFRA LCTGEKGIGH TTGKPLHFKG CPFHRIKKF MIQGGDFSNQ NGTGGESIYG EKFEDEFHY KHDREGLLSM ANAGRNTNGS QFFITTVPTP HLDGKHVVFG QVIKIGIVAR ILENVEVKGE KPAKLCVIAE CGELKEGDDG GIFPKDGS GD SHPDFPEDAD IDLKDVVKIL LITEDLKNIG NTFKSKQNWE MAIKKYAEVL RYVDSSKAVI ETADRAKLQP IALSCVLNIG ACKLKMSNWQ GAIDSCLEAL ELDPSNTKAL YRRAQGWQGL KEYDQALADL KKAQGIAPED KAIQAELLKV KQKIKAQKDK EKAVYAKMFA
Characteristics:	Human PPID full-length ORF (NP_005029.1, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	PPID
Alternative Name:	PPID (PPID Products)
Background:	Full Gene Name: peptidylprolyl isomerase D Synonyms: CYP-40,CYPD,MGC33096
Gene ID:	5481
NCBI Accession:	NM_005038
Pathways:	Nuclear Hormone Receptor Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Nguyen, Stevens, Kohr, Steenbergen, Sack, Murphy: "Cysteine 203 of cyclophilin D is critical for cyclophilin D activation of the mitochondrial permeability transition pore." in: The Journal of biological chemistry , Vol. 286, Issue 46, pp. 40184-92, (2011) (PubMed).
	McGee, Baines: "Complement 1q-binding protein inhibits the mitochondrial permeability transition pore and protects against oxidative stress-induced death." in: The Biochemical journal , Vol. 433, Issue 1, pp. 119-25, (2010) (PubMed).

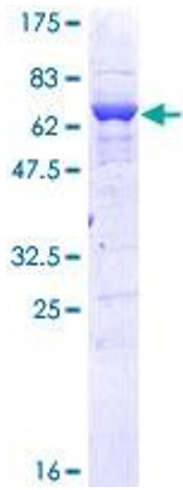


Image 1.