Programmed Cell Death Protein 2 (PDCD2) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Programmed cell death protein 2 (PDCD2), ELISA Kit
Full Product Name	Human Programmed cell death protein 2 (PDCD2) ELISA Kit
Product Gene Name	PDCD2 elisa kit
Product Synonym Names	RP8; ZMYND7; Zinc finger MYND domain-containing protein 7; Zinc finger protein Rp-8
Species Reactivity	Human
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids
Detection Range	78.1-5000pg/mL
Sensitivity	34pg/mL
Molecular Weight	21,299 Da
OMIM	600866
3D Structure	ModBase 3D Structure for Q16342
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for PDCD2 elisa kit	MBS457252 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Programmed cell death protein 2 (PDCD2) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing PDCD2. The ELISA analytical biochemical technique of the MBS457252 kit is based on PDCD2 antibody-PDCD2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PDCD2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, PDCD2. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of PDCD2 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PDCD2. It may not necessarily be applicable to this product.

NCBI GI #	313851173
NCBI GeneID	5134
NCBI Accession #	NP_001186391.1
UniProt Primary Accession #	Q16342
UniProt Secondary Accession #	Q58HM9; Q58HN0; Q9UH12; E9PCU7; F5GYS7
UniProt Related Accession #	Q16342
GenBank Nucleotide #	NM_001199462.1
NCBI Official Full Name	programmed cell death protein 2 isoform 4
NCBI Official Synonym Full Names	programmed cell death 2

NCBI Official Symbol	PDCD2
NCBI Official Synonym Symbols	RP8; ZMYND7
UniProt Protein Name	Programmed cell death protein 2
UniProt Synonym Protein Names	Zinc finger MYND domain-containing protein 7; Zinc finger protein Rp-8
Protein Family	Programmed cell death protein
UniProt Gene Name	PDCD2
UniProt Synonym Gene Names	RP8; ZMYND7
NCBI Protein Information	programmed cell death protein 2
NCBI Summary for PDCD2	This gene encodes a nuclear protein expressed in a variety of tissues. Expression of this gene has been shown to be repressed by B-cell CLL/lymphoma 6 (BCL6), a transcriptional repressor required for lymph node germinal center development, suggesting that BCL6 regulates apoptosis by its effects on this protein. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 9 and 12. [provided by RefSeq, Dec 2010]
UniProt Comments for PDCD2	May be a DNA-binding protein with a regulatory function. May play an important role in cell death and/or in regulation of cell proliferation.
Research Articles on PDCD2	**1.** PDCD2 and NCoR1 may act as tumor suppressors in Gastrointestinal stromal tumors cells through the Smad signaling pathway.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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