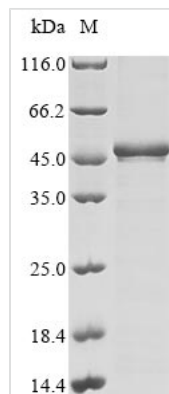




Recombinant Human Programmed cell death protein 2 (PDCD2)

Product Code	CSB-EP618070HU
Abbreviation	Recombinant Human PDCD2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16342
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MAAAGARPVELGFAESAPAWRLRSEQFPSKVGGPRAWLGAAGLPGPQALAC ELCGRPLSFLQVYAPLPGRPDAFHRCIFLFCCREQPCCAGLRVFRNQLPRKN DFYSYEPPSENPPPETGESVCLQLKSGAHLRCRVCGCLGPKTCSRCHKAYYCS KEHQTLDWRLGHKQACAQPDHLDHIIPDHNFLFPEFEIIVETEDIMPEVVEKE DYSEIIGSMGEALEEEELDSMAKHESREDKIFQKFKTQIALEPEQILRYGRGIAP WISGENIPQEKDIPDCPCGAKRILEFQVMPQLLNLYLKADRLGKSIDWGILAVFT CAESCSLGTGYTEEFVWKQDVTDTTP
Research Area	Cell Biology
Source	E.coli
Target Names	PDCD2
Expression Region	1-344aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	44.6 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

To achieve the expression of the recombinant Human PDCCD2 protein in e.coli cells, a DNA fragment encoding the Human PDCCD2 protein (1–344aa) is inserted into a plasmid vector, which is then transferred to e.coli cells. After screening positive cells, they are cultured and induced to create the PDCCD2 protein. The protein features a N-terminal 10xHis tag fusion. The recombinant Human PDCCD2 protein is purified from the cell lysate through affinity purification. The purity of the obtained recombinant Human PDCCD2 protein is greater than 85%, measured by SDS-PAGE.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.