Recombinant Human Programmed cell death protein 10 (PDCD10)

Product Code	CSB-EP861141HU-B
Abbreviation	PDCD10
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.	Q9BUL8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MRMTMEEMKN EAETTSMVSM PLYAVMYPVF NELERVNLSA AQTLRAAFIK AEKENPGLTQ DIIMKILEKK SVEVNFTESL LRMAADDVEE YMIERPEPEF QDLNEKARAL KQILSKIPDE INDRVRFLQT IKDIASAIKE LLDTVNNVFK KYQYQNRRAL EHQKKEFVKY SKSFSDTLKT YFKDGKAINV FVSANRLIHQ TNLILQTFKT VA
Source	E.coli
Target Names	PDCD10
Protein Names	Recommended name: Programmed cell death protein 10 Alternative name(s): Cerebral cavernous malformations 3 protein TF-1 cell apoptosis-related protein 15
Expression Region	1-212
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes an evolutionarily conserved protein associated with cell apoptosis. The protein interacts with the serine/threonine protein kinase MST4 to modulate the extracellular signal-regulated kinase (ERK) pathway. It also interacts with and is phosphoryated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular developent. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral hemorrhages. Multiple alternatively spliced variants, encoding the same protein, have been identified.
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.