

## Product datasheet for **TP720886XL**

### **PDCD10 (NM\_007217) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human programmed cell death 10 (PDCD10), transcript variant 1
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Ala212
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	24.9 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Reconstitution Method:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_009148</a>
<b>Locus ID:</b>	11235
<b>UniProt ID:</b>	<a href="#">Q9BUL8</a>
<b>RefSeq Size:</b>	1454
<b>Cytogenetics:</b>	3q26.1
<b>RefSeq ORF:</b>	636
<b>Synonyms:</b>	CCM3; TFAR15



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**Summary:**

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 phosphorylated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular development. 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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome