

## Product datasheet for **TP720919M**

### **PDCD4 (NM\_014456) Human Recombinant Protein**

#### **Product data:**

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Purified recombinant protein of Human programmed cell death 4 (neoplastic transformation inhibitor) (PDCD4), transcript variant 1   |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | E. coli   |
| <b>Expression cDNA Clone or AA Sequence:</b> | Lys212-Pro357   |
| <b>Tag:</b>                                  | C-His   |
| <b>Predicted MW:</b>                         | 17 kDa  |
| <b>Concentration:</b>                        | lot specific  |
| <b>Purity:</b>                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>                               | Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.   |
| <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>                              | Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.   |
| <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_055271</a>   |
| <b>Locus ID:</b>                             | 27250   |
| <b>UniProt ID:</b>                           | <a href="#">Q53EL6</a>  |
| <b>RefSeq Size:</b>                          | 3591  |
| <b>Cytogenetics:</b>                         | 10q25.2   |
| <b>RefSeq ORF:</b>                           | 1407  |



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**Synonyms:** H731

**Summary:** This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

**Protein Families:** Druggable Genome