



Recombinant Protein Technical Manual

Recombinant Human PDCD10/TFAR15 Protein

RPES1388

Product Data:

Product SKU: RPES1388

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9BUL8

Protein Information:

Molecular Mass: 24.9 kDa

AP Molecular Mass: 28 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 25mM TrisHCl, pH7.3.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Programmed Cell Death Protein 10; Cerebral Cavernous Malformations 3 Protein; TF Cell Apoptosis-Related Protein 15; PDCD10; CCM3; TFAR15

Immunogen Information:

Sequence: Met 1-Ala212

Background:

Programmed Cell Death Protein 10 (PDCD10) belongs to the PDCD10 family. PDCD10 exists as a homodimer and is widely expressed. PDCD10 can increase mitogen-activated protein kinase activity and MST4 activity. PDCD10 is required for normal cardiovascular development and normal angiogenesis, vasculogenesis and hematopoiesis during embryonic development. Defects in PDCD10 are the cause of cerebral cavernous malformations type 3.