



Recombinant Protein Technical Manual

Recombinant Human CRADD/RAIDD Protein

RPES3942

Product Data:

Product SKU: RPES3942

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P78560

Protein Information:

Molecular Mass: 23 kDa

AP Molecular Mass: 21 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 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.

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

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

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

Application:

Synonyms: Death Domain-Containing Protein CRADD; Caspase and RIP Adapter with Death Domain; RIP-Associated Protein with A Death Domain; CRADD; RAIDD

Immunogen Information:

Sequence: Met1-Glu199

Background:

Death Domain-Containing Protein CRADD (CRADD) is widely expressed in most tissues, with particularly high expression in the adult heart, testis, liver, skeletal muscle, fetal liver, and kidney. CRADD contains one CARD domain that mediates the interaction with caspase-2, and one death domain involved in the binding of RIP protein. CRADD functions as an apoptotic adaptor molecule specific for caspase-2 and FASL/TNF receptor-interacting protein RIP. CRADD induces cell apoptosis/cell death in numerous tissues. Defects in CRADD will result in mental retardation.