

Recombinant Human CRADD/RAIDD Protein

Catalog Number:PKSH033738



Note: Centrifuge before opening to ensure complete recovery of vial contents.

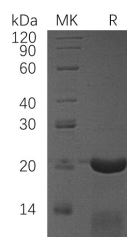
Description

| | |
|------------------------------------|--|
| Synonyms | Death Domain-Containing Protein CRADD;Caspase and RIP Adapter with Death Domain;RIP-Associated Protein with A Death Domain;CRADD;RAIDD |
| Species | Human |
| Expression Host | E.coli |
| Sequence | Met1-Glu199 |
| Accession | P78560 |
| Calculated Molecular Weight | 23 kDa |
| Observed molecular weight | 21 kDa |
| Tag | None |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Generally, 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 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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