

Recombinant Human CRADD/RAIDD Protein

Catalog Number:PKSH033738



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

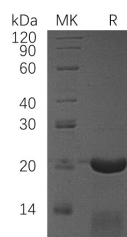
Description

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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