Product Name: Recombinant Human CRADD
Catalog #: PEH0451

Summary

Name	CRADD/CAIDD
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Caspase and RIP Adapter With Death Domain is produced by our E.coli expression system and the target gene encoding Met1-Glu199 is expressed.
Accession #	P78560
Host	E.coli
Species	Human
Predicted Molecular Mass	23 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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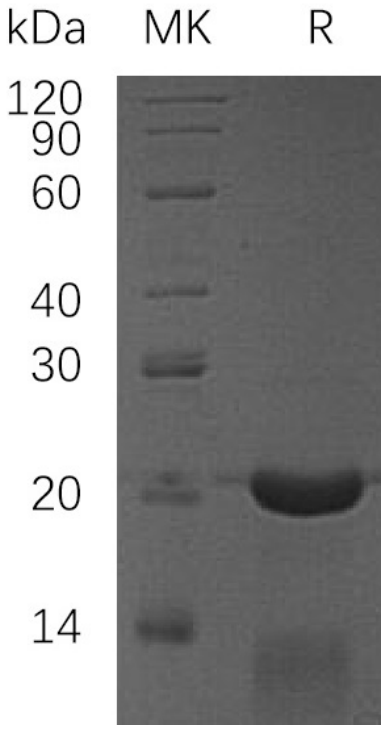

Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.