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Datasheet for ABIN1692145 CRADD Protein (AA 1-199)

Overview

Quantity:	50 µg
Target:	CRADD
Protein Characteristics:	AA 1-199
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Death Domain-Containing Protein CRADD/CRADD
Sequence:	GSHMEARDKQ VLRSLRLELG AEVLVEGLVL QYLYQEGILT ENHIQEINAQ TTGLRKTMLL LDILPSRGPK AFDTFDSLQ EFPWVREKLK KAREEAMTDL PAGDRLTGIP SHILNSSPSD RQINQLAQRL GPEWEPMVLS LGLSQTDIYR CKANHPHNVQ SQVVEAFIRW RQRFQKQATF QSLHNGLRAV EVDPSLLLHM LE
Characteristics:	Recombinant Human Death Domain-Containing Protein CRADD/CRADD is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Glu199) of Human CRADD.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CRADD
Alternative Name:	CRADD (CRADD Products)
Background:	<p>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.</p> <p>Alternative Names: Death Domain-Containing Protein CRADD, Caspase and RIP Adapter with Death Domain, RIP-Associated Protein with A Death Domain, CRADD, RAIDD</p>
Molecular Weight:	23 kDa
UniProt:	P78560
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months