
Product Data Sheet

Product Name: CRADD Human
 Cat. No.: GP23216
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RAIDD; MGC9163; CRADD; Death domain-containing protein CRADD; Caspase and RIP adapter with death domain; RIP-associated protein with a death domain; CASP2 and RIPK1 domain containing adaptor with death domain.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MEARDKQVLR SLRLELGAEV LVEGLVLQYL YQEGILTENH IQEINAQTTG LRKTMLMLDI LPSRGPKAFD TFLDSLQEFP WVREKLKKAR EEAMTDLPAG DRLTGIPSHI LNSSPSDRQI NQLAQLRGPE WPEMVLSLGL SQTDIYRCKA NHPHNVQSQV VEA FIRWRQR FGKQATFQSL HNGLR AVEVD P S L L L H M L E .		
Formulation	The CRADD protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 and 20% glycerol.		

Introduction

CRADD is a 22kDa, widely-expressed cytosolic adaptor/signaling protein that induces cell apoptosis/cell death in numerous tissues. CRADD is a death domain (CARD) that recruits, caspase 2/ICH1 to the cell death signal transduction complex that includes TNFR1A, RIPK1/RIP kinase, and numbers of other CARD domain-containing proteins.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CRADD Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 219 amino acids (1-199) and having a molecular mass of 24.9 kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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CRADD is fused to a 20 amino acids His-Tag at N-terminus.

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