www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

CRADD Human

Catalog #:PRPS-472

For research use only.

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

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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MEARDKQVLR SLRLELGAEV LVEGLVLQYL YQEGILTENH IQEINAQTTG LRKTMLMLDI LPSRGPKAFD TFLDSLQEFP WVREKLKKAR EEAMTDLPAG DRLTGIPSHI LNSSPSDRQI NQLAQRLGPE WEPMVLSLGL SQTDIYRCKA NHPHNVQSQV VEAFIRWRQR FGKQATFQSL HNGLRAVEVD PSLLLHMLE.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:
The CRADD protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 and 20% glycerol.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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