

## 32-8180: Recombinant Human Death Domain-Containing Protein CRADD/CRADD

**Gene :** CRADD  
**Gene ID :** 8738  
**Uniprot ID :** P78560

### Description

Source: E. coli.  
MW :23kD.

Recombinant Human CRADD/ is produced by our E.coli expression system and the target gene encoding Met1-Glu199 is expressed. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** GSHMEARDKQVLRSLRLELGAEVLVEGLVLQYLYQEGILTENHIQEINAQTTGLRKTMLLLDILPSRGPKAFTFLDSLQEFPPWVREKLKAREEAMTDLPGDRLTGIPSHILNSSPSDRQINQLAQLGPEWEPMVLSLGLSQTDIYRCKANHPHNVSQVVEAFIRWRQRFQKQATFQSLHNGLRAVEVDPSSLLHMLE

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.