

## Recombinant Mouse TNFRSF10B Protein

Catalog #	Source	Reactivity	Applications
CRP2406	Human cells	Mouse	E, WB, SDS-PAGE, MS

**Description** Recombinant Mouse TNFRSF10B Protein is produced by our mammalian expression system and the target gene encoding Asn53-Ser177 is expressed with a Fc tag at the C-terminus.

**Form** Lyophilized from a 0.2  $\mu$ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Gene Symbol** TNFRSF10B

**Alternative Names** DR5; KILLER; TRAILR2; TRICK2; ZTNFR9; Tumor necrosis factor receptor superfamily member 10B; Death receptor 5; TNF-related apoptosis-inducing ligand receptor 2; TRAIL receptor 2; TRAIL-R2; CD262

**Entrez Gene** 21933 (Mouse)

**SwissProt** Q9QZM4 (Mouse)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** NPAHNRPAGL QRPEESPSRG PCLAGQYLSE GNCKPCREGI DYTSHSNHSL DSCILCTVCK EDKVVETRCN ITTNTVCRCK PGTFEDKDSP EICQSCSNCT DGEELTSCT PRENRKCVSK TAWASVDDIE GRMDEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNAKALPAP IEKTISKAKG QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESGNQPENNY KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGK

**Quality Control** Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/ml. Dissolve the

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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.

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