

## 32-9680: Recombinant Human TRAIL R2/TNFRSF10B/DR5/CD262 (C-Fc-6His)

**Alternative Name** : Tumor Necrosis Factor Receptor Superfamily Member 10B, Death Receptor 5, TNF-Related Apoptosis-Inducing Ligand Receptor 2, TRAIL Receptor 2, TRAIL-R2, CD262, TNFRSF10B, DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

### Description

Source : Human Cells;

TNFRSF10B is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces apoptosis signal. The adapter molecule FADD recruits caspase-8 to the activated receptor and is required for the apoptosis mediated by TNFRSF10B. TNFRSF10B is expressed in a number of cell types, and to particularly high levels in lymphocytes and spleen. This single-pass transmembrane protein contains two cysteine-rich repeat units in its extracellular region, followed by a transmembrane segment and a cytoplasmic tail containing a typical "death domain". TNFRSF10B expression is regulated by the tumor suppressor p53. It is also indicated that the activation of NF-kappa-B can be promoted by TNFRSF10B.

### Product Info

**Amount** : 500 µg / 50 µg

**Content** : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Amino Acid** : Recombinant Human TRAIL receptor 2 is produced by our Mammalian expression system and the target gene encoding Ile56-Glu182 is expressed with a Fc, 6His tag at the C-terminus.