

**Human CellExp TNFRSF10B /TRAILR2, human recombinant protein**  
**TNFRSF10B, TRAILR2, TRAIL-R2, CD262, DR5, KILLER, TRICK2, ZTNFR9, TRICKB**  
**Catalog # PBV11069r**

## Specification

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### Human CellExp TNFRSF10B /TRAILR2, human recombinant protein - Product info

Primary Accession  
Calculated MW

[O14763](#)

This protein fused with 6×His tag at the C-terminus, has a calculated MW of 15.1 kDa. The predicted N-terminus is Ile 56. DTT-reduced Protein migrates as 15-20 kDa due to glycosylation. KDa

### Human CellExp TNFRSF10B /TRAILR2, human recombinant protein - Additional Info

Gene ID

**8795**

Gene Symbol

**TNFRSF10B**

#### Other Names

TNFRSF10B, TRAILR2, TRAIL-R2, CD262, DR5, KILLER, TRICK2, ZTNFR9, TRICKB

Gene Source

**Human**

Source

**HEK293 cells**

Assay&Purity

**SDS-PAGE; ≥95%**

Assay2&Purity2

**N/A;**

Recombinant

**Yes**

Results

**Measured by its binding ability in a functional ELISA. Immobilized human TNFRSF10B at 10 µg/ml (100 µl/well) can bind biotinylated TNFSF10 with a linear range of 0.375 - 10 ng/ml.**

#### Target/Specificity

TNFRSF10B /TRAILR2

#### Application Notes

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

#### Format

Lyophilized

#### Storage

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

### Human CellExp TNFRSF10B /TRAILR2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Human CellExp TNFRSF10B /TRAILR2, human recombinant protein - Images**

#### **Human CellExp TNFRSF10B /TRAILR2, human recombinant protein - Background**

Tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) also known as TNF-related apoptosis-inducing ligand receptor 2 (TRAILR2), Death receptor 5 (DR5), CD262, KILLER, is a member of the TNF-receptor superfamily, and contains an intracellular death domain. TNFRSF10B / DR-5 is widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines. TRAILR2 / CD262 / DR5 is the receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD (a death domain containing adaptor protein) of TRAIL-R2 / TNFRSF10B recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. CD262 / DR5 Promotes the activation of NF-kappa-B. DR5 is essential for ER stress-induced apoptosis and is regulated by p53/TP53.

#### **Human CellExp TNFRSF10B /TRAILR2, human recombinant protein - References**

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