



[Go to Product page](#)

Datasheet for ABIN7319898
TNFRSF10A Protein (His tag)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | TNFRSF10A |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TNFRSF10A protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant Human TRAIL R1 / DR4 / TNFRSF10A (C-6His) |
| Sequence: | Ala24-Asn239 |
| Characteristics: | Recombinant Human TRAIL R1 is produced by our Mammalian expression system and the target gene encoding Ala24-Asn239 is expressed with a 6His tag at the C-terminus. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

| | |
|-------------------|---|
| Target: | TNFRSF10A |
| Alternative Name: | TRAIL R1 / DR4 / TNFRSF10A (TNFRSF10A Products) |
| Background: | Background: Tumor necrosis factor receptor superfamily member 10A (TNFRSF10A) is also known as TNF-related apoptosis-inducing ligand receptor 1 (TRAIL-R1), Death receptor 4 (DR4), CD261 and APO2, which belongs to TNF superfamily. TNFRSF10A / DR4 is widely expressed |

Target Details

and high levels are found in spleen, peripheral blood leukocytes, small intestine and thymus, but also in K-562 erythroleukemia cells, MCF-7 breast carcinoma cells and activated T-cells. APO2 / TNFRSF10A is receptor for the cytotoxic ligand TNFSF10 / TRAIL. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF1/TRAIL), and thus transduces cell death signal and induces cell apoptosis. TRAIL R1 can promote the activation of NF-kappa-B. TRAIL R1/CD261/TNFRSF1A induces apoptosis of many transformed cell lines but not of normal tissues, even though its death domain-containing receptor, DR4, is expressed on both cell types.

Synonym: APO2, CD261 antigen, CD261, cytotoxic TRAIL receptor, DR4, TNF-related apoptosis-inducing ligand receptor 1, TNFRSF10A, TRAIL-R1, TRAILR1

Molecular Weight: 23.7 kDa

UniProt: [O00220](#)

Pathways: [Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Restrictions: For Research Use only

Handling

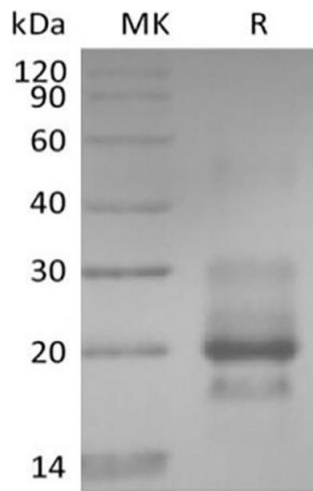
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.