

## Active Recombinant Human TNFRSF10A, Fc Chimera

**Cat. No.** TNFRSF10A-249H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human TNFRSF10A (Accession # AAC51226) was produced in Chinese Hamster Ovary cell line, CHO-derived.                                                                                                                             |
| <b>Species</b>              | Human                                                                                                                                                                                                                                        |
| <b>Source</b>               | CHO                                                                                                                                                                                                                                          |
| <b>Predicted N Terminal</b> | Ala109                                                                                                                                                                                                                                       |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                                                                           |
| <b>Bio-activity</b>         | Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED50 for this effect is typically 0.25 - 1.25 ng/mL in the presence of 6 ng/mL of Recombinant Human TRAIL/TNFSF10. |
| <b>Molecular Mass</b>       | Recombinant Human TNFRSF10A, Fc Chimera has a calculated MW of 40.9 kDa (monomer). In SDS-PAGE migrates as 50-55 kDa, reducing conditions.                                                                                                   |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                  |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).                                                |

### GENE INFORMATION

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|                            |                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | TNFRSF10A tumor necrosis factor receptor superfamily, member 10a [ Homo sapiens ]                                                                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b>     | TNFRSF10A                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>            | TNFRSF10A; tumor necrosis factor receptor superfamily, member 10a; tumor necrosis factor receptor superfamily member 10A; Apo2; CD261; DR4; TRAILR 1; TRAIL-R1; TRAIL receptor 1; death receptor 4; cytotoxic TRAIL receptor; TNF-related apoptosis-inducing ligand receptor 1; tumor necrosis factor receptor superfamily member 10a variant 2; APO2; TRAILR1; TRAILR-1; MGC9365; |
| <b>Gene ID</b>             | 8797                                                                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | NM_003844                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>      | NP_003835                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>                 | 603611                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | O00220                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Chromosome Location</b> | 8p21                                                                                                                                                                                                                                                                                                                                                                               |

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