

Recombinant Human TNFSF10 Protein, DYKDDDDK-tagged

Cat. No. TNFSF10-151H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human tumor necrosis factor superfamily member 10(TNFSF10) protein, transcript variant 1(NM_003810), with a DYKDDDDK tag, was expressed in human cells. |
| Species | Human |
| Source | Human Cells |
| Description | Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis. |
| Form | Purified protein formulated in a sterile solution of TBS buffer, pH7.179, without any preservatives. |
| Molecular Mass | 20.6kD |
| Endotoxin | Endotoxin level is < 0.1 ng/g of protein (<1EU /g) |
| Purity | >90% by SDS-PAGE gel and Coomassie Blue staining |
| Applications | Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies. |

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GENE INFORMATION

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|------------------------|--|
| Gene Name | TNFSF10 tumor necrosis factor (ligand) superfamily, member 10 [Homo sapiens] |
| Official Symbol | TNFSF10 |
| Synonyms | TNFSF10; tumor necrosis factor (ligand) superfamily, member 10; tumor necrosis factor ligand superfamily member 10; Apo 2L; CD253; TL2; TRAIL; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family, member 10; chemokine tumor necrosis factor ligand superfamily member 10; tumor necrosis factor apoptosis-inducing ligand splice variant delta; APO2L; Apo-2L; |
| Gene ID | 8743 |
| mRNA Refseq | NM_001190942 |
| Protein Refseq | NP_001177871 |
| MIM | 603598 |
| UniProt ID | P50591 |

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