

# Recombinant Human TNFSF10

Catalog No: #GP10854



Package Size: #GP10854-1 100ug

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## Description

Product Name	Recombinant Human TNFSF10
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 39-281 amino acids of human TNFSF10
Target Name	tumor necrosis factor superfamily member 10
Other Names	TL2; APO2L; CD253; TRAIL; Apo-2L; TNLG6A
Accession No.	Swissprot:P50591Gene Accession:BC032722
Uniprot	P50591
GeneID	8743;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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