

# 1 TNFRSF10C

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. This gene was found to be a p53-regulated DNA damage-inducible gene. The expression of this gene was detected in many normal tissues but not in most cancer cell lines, which may explain the specific sensitivity of cancer cells to the apoptosis-inducing activity of TRAIL.

This gene was found with no expression in human, and no homolog was found in bat.



Figure 1: IGV Genome Browser screenshot of gene TNFRSF10C.

Figure 2: UCSC Genome Browser screenshot of gene TNFRSF10C.