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32-12330: Human TRAIL

TNFSF10 Gene: Gene ID: 8743 **Uniprot ID:** P50591

Tumor necrosis factor ligand superfamily member 10, Apo-2 ligand, TNF-related apoptosis-inducing **Alternative Name:**

ligand, Protein TRAIL, CD253

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 19.5 kDa (168 aa)

Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) is a member of the tumor necrosis factor (TNF) family of cytokines. TRAIL is widely produced by a variety of cell types including tumor cells, smooth muscle of the lung and spleen, cerebellar glial cells, and thyroid follicular cells. TRAIL is a cytotoxic protein that induces apoptosis in tumor cells through the activation of the death receptors DR4 and DR5. TRAIL also binds the neutralizing decoy receptors, DcR1 and DcR2. Human TRAIL is active on mouse cells.

Product Info

 $50 \mu g / 100 \mu g$ Amount:

Purification: Reducing and Non-Reducing SDS PAGE at >= 90%

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium

Content: phosphate, 50 mM sodium chloride, pH 7.5

Sterile water at 0.1 mg/mL

Storage condition: Store at -20°C

MRERGPQRVA AHITGTRGRS NTLSSPNSKN EKALGRKINS WESSRSGHSF LSNLHLRNGE Amino Acid:

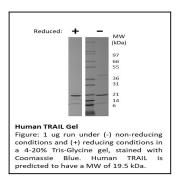
LVIHEKGFYY IYSQTYFRFQ EEIKENTKND KQMVQYIYKY TSYPDPILLM KSARNSCWSK

DAEYGLYSIY QGGIFELKEN DRIFVSVTNE HLIDMDHEAS FFGAFLVG

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Biological Activity was determined by Bioactive protein. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.





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