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TNFRSF10A Human

TRAIL Receptor-1 Human Recombinant
CYK0001

Product Overview

Name	TNFRSF10A Human
Description	
TRAIL Receptor-1 Human Recombinant	
Accession (Primary)	O00220
Synonyms	
TNFRSF10A, TNF Receptor Superfamily Member 10a, Tumor Necrosis Factor Receptor Superfamily, Member 10a, TNF-Related Apoptosis-Inducing Ligand Receptor 1, Death Receptor 4, TRAIL Receptor 1, TRAIL-R1, TRAILR1, APO2, DR4, Tumor Necrosis Factor Receptor Superfamily Member 10a Variant 2, Tumor Necrosis Factor Receptor Superfamily Member 10A, Cytotoxic TRAIL Receptor, CD261 Antigen, TRAILR-1, CD261.	
Introduction	
Human TNFRSF10A is a type 1 transmembrane protein in the TNF R superfamily. TNFRSF10A is not expressed in rodents. The trimeric ligand Trail binds TNFRSF10A and induces apoptosis, and recombinant, soluble forms of the receptor inhibit Trail-induced apoptosis. TNFRSF10A is expressed generally in damaged, infected, and malignant cells. TNFRSF10A functions in immune surveillance, inducing apoptosis in cancer cells but not normal cells.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TNFRSF10A protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ASGTEAAAAT PSKVWGSSAG RIEPRGGGRG ALPTSMGQHG PSARARAGRA PGPRPAREAS PRLRVHKTFK FVVVGVLLQV VPSSAATIKL HDQSIGTQQW EHSPLGELCP PGSHRSEHPG ACNRCTEGVG YTNASNNLFA	

CLPCTACKSD EEERSPCTTT RNTACQCKPG TFRNDNSAEM CRKCSRGCPR GMVKVKDCTP WSDIECVHKE SGNGHNLE HH HHHH

Precautions

TNFRSF10A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O00220)