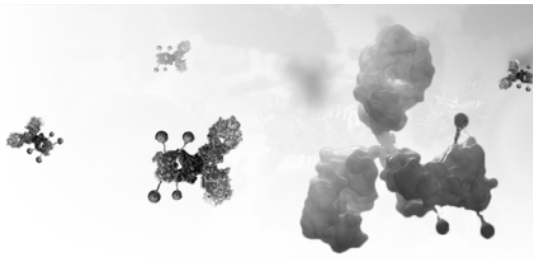

TNFSF10 blocking peptide (CDBP6352)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. [provided by RefSeq, Jul 2010]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TNFSF10 tumor necrosis factor (ligand) superfamily, member 10 [Homo sapiens (human)]
Official Symbol	TNFSF10

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Synonyms	TNFSF10; tumor necrosis factor (ligand) superfamily, member 10; TL2; APO2L; CD253; TRAIL; Apo-2L; tumor necrosis factor ligand superfamily member 10; 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
Entrez Gene ID	8743
mRNA Refseq	NM_001190942
Protein Refseq	NP_001177871
UniProt ID	P50591
Pathway	Apoptosis; Apoptosis Modulation and Signaling; Caspase-8 activation by cleavage; Cytokine-cytokine receptor interaction; Death Receptor Signalling; Dimerization of procaspase-8; Extrinsic Pathway for Apoptosis; FoxO signaling pathway
Function	cytokine activity; metal ion binding; protein binding; receptor binding; tumor necrosis factor receptor binding

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