TNFSF12 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	TNFSF12, Lysate
Full Product Name	Human TNFSF12 Protein Lysate
Product Gene Name	TNFSF12 lysate
Product Synonym Names	TNFSF12; APO3L; DR3LG; TWEAK; TNLG4A
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C This protein lysate can be reconsituted using SDS Sample Buffer. Once reconsituted, aliquot and store any remaining material at -20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	Predicted: 27 kDa
3D Structure	ModBase 3D Structure for O43508
Species	Human
Related Product Information for TNFSF12 lysate	Human TNFSF12 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells.
Other Notes	Small volumes of TNFSF12 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TNFSF12 purchase	MBS8428916 is a lysate targeting TNFSF12. Also known as Human TNFSF12 Protein Lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFSF12. It may not necessarily be applicable to this product.

NCBI GI #	4507597
NCBI GeneID	8742
NCBI Accession #	NP_003800
UniProt Primary Accession #	O43508
UniProt Secondary Accession #	Q8IZK7; Q8WUZ7
UniProt Related Accession #	O43508
GenBank Nucleotide #	NM_003809
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 12 proprotein
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 12
NCBI Official Symbol	TNFSF12
NCBI Official Synonym Symbols	APO3L; DR3LG; TWEAK
Protein Family	Tumor necrosis factor ligand superfamily
NCBI Protein Information	tumor necrosis factor ligand superfamily member 12; APO3 ligand; APO3/DR3 ligand; TNF-related WEAK inducer of apoptosis

NCBI Summary for TNFSF12	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine, which exists in both membrane-bound and secreted forms, can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Alternative splicing results in multiple transcript variants. Some transcripts skip the last exon of this gene and continue into the second exon of the neighboring TNFSF13 gene; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]
Research Articles on TNFSF12	**1.** The TWEAK/Fn14 system may promote inflammation and tissue injury during peritonitis and peritoneal dialysis.
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