TNFRSF12A cDNA Clone – Tumor Necrosis Factor Receptor Superfamily, Member 12a (Human)

PRODUCT OVERVIEW

Product Name	TNFRSF12A, cDNA Clone
Full Product Name	TNFRSF12A cDNA Clone
Product Gene Name	TNFRSF12A cdna clone
Sequence	atggctcggg gctcgctgcg ccggttgctg cggctcctcg tgctggggct ctggctggcg ttgctgcgct ccgtggccgg ggagcaagcg ccaggcaccg ccccctgctc ccgcggcagc tcctggagcg cggacctgga caagtgcatg gactgcgcgt cttgcagggc gcgaccgcac agcgacttct gcctgggctg cgctgcagca cctcctgccc ccttccggct gctttggccc atccttgggg gcgctctgag cctgaccttc gtgctggggc tgctttctgg ctttttggtc tggagacgat gccgcaggag agagaagttc accacccccа tagaggagac cggcggagag ggctgcccag ctgtggcgct gatccagtga
Molecular Weight	10,191 Da
OMIM	605914
Vector	Please Inquire
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TNFRSF12A cdna clone	MBS1268149 is a cDNA clone targeting TNFRSF12A.
Other Notes	Small volumes of TNFRSF12A cdna clone 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFRSF12A. It may not necessarily be applicable to this product.

NCBI GI #	33877070
NCBI GeneID	51330
NCBI Accession #	BC002718
UniProt Secondary Accession #	Q9HCS0; D3DUA6
UniProt Related Accession #	Q9NP84
NCBI Official Full Name	Homo sapiens tumor necrosis factor receptor superfamily, member 12A, mRNA
NCBI Official Synonym Full Names	TNF receptor superfamily member 12A
NCBI Official Symbol	TNFRSF12A
NCBI Official Synonym Symbols	FN14; CD266; TWEAKR
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 12A
UniProt Synonym Protein Names	Fibroblast growth factor-inducible immediate-early response protein 14; FGF-inducible 14; Tweak-receptor; TweakR; CD_antigen: CD266
Protein Family	Tumor necrosis factor receptor superfamily
UniProt Gene Name	TNFRSF12A

UniProt Synonym Gene Names	FN14; FGF-inducible 14; TweakR
UniProt Entry Name	TNR12_HUMAN
NCBI Protein Information	tumor necrosis factor receptor superfamily member 12A
UniProt Comments for TNFRSF12A	TweakR: Receptor for TNFSF12/TWEAK. Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins. Associates with TRAF1 and TRAF2, and probably also with TRAF3. By FGF1 and phorbol ester. Highly expressed in heart, placenta and kidney. Intermediate expression in lung, skeletal muscle and pancreas. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Motility/polarity/chemotaxis; Receptor, misc.; Cell development/differentiation Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: plasma membrane Molecular Function: protein binding Biological Process: positive regulation of apoptosis; tumor necrosis factor-mediated signaling pathway
Research Articles on TNFRSF12A	**1.** Activated Fn14 expression increases extracellular matrix synthesis and fibroblast activation. Activation of Fn14 is done by the TGF-beta signaling pathway through the transcription factor SMAD4.
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