Active Recombinant Mouse Tnfsf12 Protein, Met & His-tagged

Cat. No. Tnfsf12-983M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfsf12 (Accession # O54907.2) Arg105-His249, fused with an N-terminal Met and a 6-His tag, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg105-His249
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using HUVEC human umbilical vein endothelial cells. The ED50 for this effect is typically 0.03 - 0.3 μg/mL.Measured in a cytotoxicity assay using HT-29 human colon adenocarcinoma cells Yu, K.Y. et al. (1999) J. Biol. Chem. 274:13733; Harrop, J.A. et al. (1998) J. Biol. Chem. 273:27548; Zhai, Y. et al. (1998) J. Clin. Invest. 102:1142.The ED50 for this effect is typically 0.1 - 0.4 μg/mL.
Molecular Mass	Recombinant Mouse Tnfsf12, Met & His-tagged has a calculated MW of 17 kDa.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).
Reconstitution	Reconstitute at 100 μg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Tnfsf12 tumor necrosis factor (ligand) superfamily, member 12 [Mus musculus]
Official Symbol	Tnfsf12
Synonyms	TNFSF12; tumor necrosis factor (ligand) superfamily, member 12; tumor necrosis factor ligand superfamily member 12; TNF-related weak inducer of apoptosis; Dr3l; Apo3l; Dr3lg; Tweak;
Gene ID	21944
mRNA Refseq	NM_011614
Protein Refseq	NP_035744
MIM	

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