

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 µ 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 (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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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