

Active Recombinant Human TNFRSF12A Protein, Fc-tagged

Cat. No. TNFRSF12A-221H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF12A isoform 1 (Q9NP84-1) extracellular domain (Glu 28-Trp 79) was fused with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	28-79 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Immobilized Cynomolgus mFc-TNFSF12 at 10 µg/ml (100 µl/well) can bind human Fc-TNFRSF12A, The EC50 of human Fc-TNFRSF12A is 0.07-0.15 µg/ml.
Molecular Mass	The recombinant human TNFRSF12A/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 313 amino acids and has a calculated molecular mass of 34 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTNFRSF12A/Fc monomer is approximately 37 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFRSF12A tumor necrosis factor receptor superfamily, member 12A [Homo sapiens]
Official Symbol	TNFRSF12A
Synonyms	TNFRSF12A; tumor necrosis factor receptor superfamily, member 12A; tumor necrosis factor receptor superfamily member 12A; CD266; FN14; TweakR; tweak-receptor; FGF-inducible 14; type I transmembrane protein Fn14; fibroblast growth factor-inducible immediate-early response protein 14; TWEAKR;
Gene ID	51330
mRNA Refseq	NM_016639
Protein Refseq	NP_057723
MIM	605914
UniProt ID	Q9NP84
Chromosome	16p13.3

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Location

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

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