

Active Recombinant Human TNFRSF12A, Fc-tagged, Biotinylated

Cat. No. TNFRSF12A-709H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human TWEAKR-Fc fusion is expressed as a 281 amino acid protein consisting of Glu28- Pro80 region of TWEAKR (UniProt accession #Q9NP84) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to its ligand TWEAK/TNFSF12 and inhibits TWEAK-mediated signaling activities including TWEAK--induced apoptosis in HT-29 human colon cancer cells and proliferation of human umbilical vein endothelial cells (HUVECs).
Molecular Mass	Calculated molecular mass (kDa): 31.1; Estimated by SDS-PAGE under reducing condition (kDa): ~40
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the LAL>
Purity	>95% judged by SDS-PAGE under reducing condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation Biotin

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Location	
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	protein binding; receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA