

TNFSF12/TWEAK active protein

Active Recombinant Human TNFSF12/TWEAK Protein

CATALOG #
AAA282526

HOST
E coli

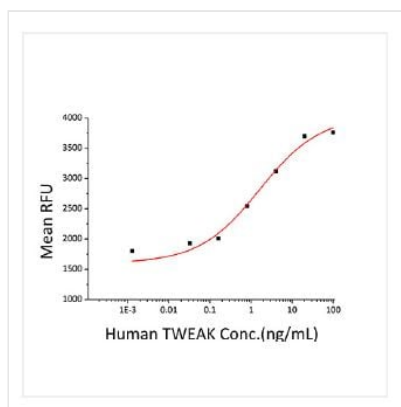
PRODUCT SYNONYMS

TNFSF12/TWEAK; Active Recombinant Human TNFSF12/TWEAK Protein; TNFSF12; APO3L; DR3LG; TNLG4A; TWEAK; TNFSF12/TWEAK active protein

PRODUCT SPECIFICATIONS

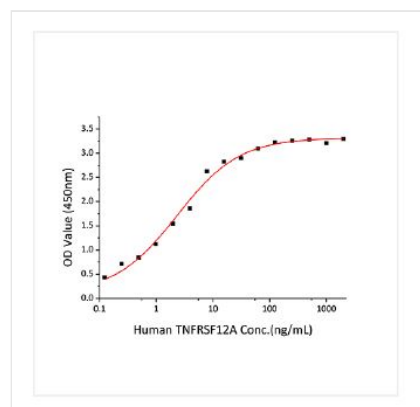
Host	E coli
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	No tag
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Human TNFSF12 at 2 ug/mL (100 uL/well) can bind Human TNFRSF12A with a linear range of 0.1-2.3 ng/mL. 2. Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 0.81-3.24 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



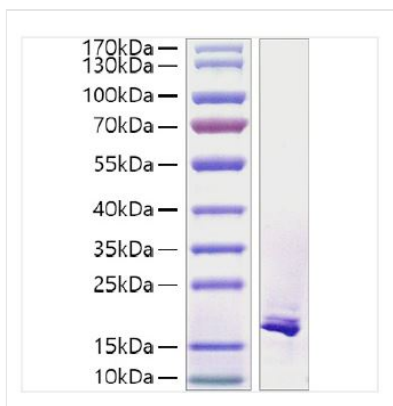
Application Data

Recombinant Human TNFSF12 stimulates cell proliferation of the human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 0.81-3.24 ng/mL.



Application Data

Immobilized Human TNFSF12 at 2 ug/mL (100 uL/well) can bind Human TNFRSF12A with a linear range of 0.1-2.3 ng/mL.



SDS-PAGE

Recombinant Human TNFSF12/TWEAK Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 18kDa.

ADDITIONAL INFORMATION

Related Product Information for TNFSF12/TWEAK active protein	Active Recombinant Human TNFSF12/TWEAK Protein is produced by <i>E coli</i> expression system. The target protein is expressed with sequence (Lys97-His249(N-Met)) of human TWEAK/TNFSF12 (Accession #NP_003800.1) fused with a additional amino acid free.
Product Categories/Family for TNFSF12/TWEAK active protein	Other Recombinant Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507597
NCBI GeneID	8742
NCBI Accession #	NP_003800.1
NCBI GenBank Nucleotide #	NM_003809.2
UniProt Accession #	O43508 ; Q8IZK7 ; Q8WUJ7
Molecular Weight	27,216 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 12 proprotein
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 12
NCBI Official Symbol	TNFSF12
NCBI Official Synonym Symbols	APO3L; DR3LG; TWEAK
NCBI Protein Information	tumor necrosis factor ligand superfamily member 12; APO3 ligand; APO3/DR3 ligand; TNF-related WEAK inducer of apoptosis
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 12
UniProt Gene Name	TNFSF12
UniProt Synonym Gene Names	APO3L; DR3LG; TWEAK
UniProt Entry Name	TNF12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.