

Recombinant Human TNFSF12/TWEAK Protein

RPCB1182

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	Tag:	No tag
Reactivity:	Human	Expressed Host:	E. coli
Calculated MW:	16.94 kDa	Observed MW:	15-20 kDa

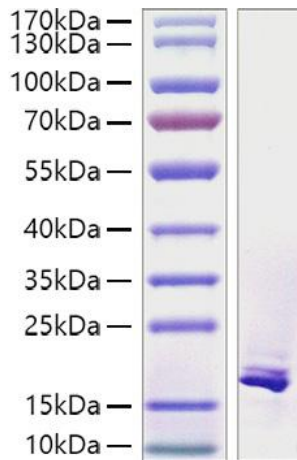
Background

TNFSF12 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. It is a ligand for the FN14/TWEAKR receptor. TNFSF12 has overlapping signaling functions with TNF, but displays a much wider tissue distribution. It can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. It is also found that TNFSF12 promotes proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. TNFSF12 also is a weak inducer of apoptosis in some cell types and mediates NF-kappa-B activation.

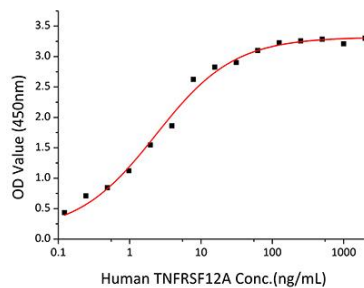
Properties

Synonyms:	TNFSF12, APO3L, DR3LG, TNLG4A, TWEAK
Gene ID:	8742
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human TNFSF12/TWEAK Protein (RPCB1182), tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Human TNFSF12/TWEAK
Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human TNFSF12 at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Human TNFRSF12A with a linear range of 0.1-2.3 ng/mL.