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# TWEAK Protein (AA 46-249) (rFc Tag)



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Quantity:	100 μg
Target:	TWEAK (TNFSF12)
Protein Characteristics:	AA 46-249
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TWEAK protein is labelled with rFc Tag.

## Product Details

Purpose:	Mouse TNFSF12/TWEAK Protein
Sequence:	Ser46-His249
Characteristics:	Recombinant Mouse TNFSF12/TWEAK Protein is expressed from HEK293 with Rabbit Fc tag at the N-terminus. It contains Ser46-His249.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## **Target Details**

Target:	TWEAK (TNFSF12)
Alternative Name:	TNFSF12 (TNFSF12 Products)

## **Target Details**

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Background:	Tumor necrosis factor-like weak inducer of apoptosis (TWEAK) is a well known multifunctional cytokine extensively distributed in cell types and tissues. Accumulating evidence has shown that TWEAK binding to the receptor factor-inducible 14 (Fn14) participates in diverse pathologic processes including cell proliferation and death, angiogenesis, carcinogenesis and inflammation.	
Molecular Weight:	48.95 kDa. Due to furin cleavage and glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.	
UniProt:	054907	
Pathways:	Apoptosis	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.	
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.	
Storage:	-20 °C,-80 °C	
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.	
Expiry Date:	12 months	