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Datasheet for ABIN7275763

TWEAK Protein (AA 43-249) (Fc Tag)

2 Images

Overview

Quantity:	100 µg
Target:	TWEAK (TNFSF12)
Protein Characteristics:	AA 43-249
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TWEAK protein is labelled with Fc Tag.

Product Details

Purpose:	Human TNFSF12/TWEAK Protein
Sequence:	Ser43-His249
Characteristics:	Recombinant Human TNFSF12/TWEAK Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Ser43-His249.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
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

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: 49.62 kDa. Due to enzyme lysis and glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.

Pathways: [Apoptosis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

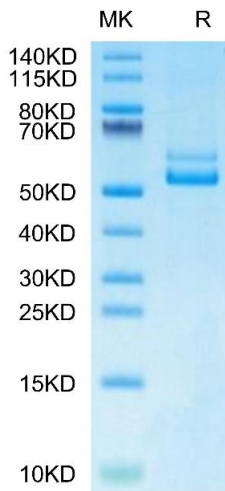
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS, 200 mM L-arginine (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

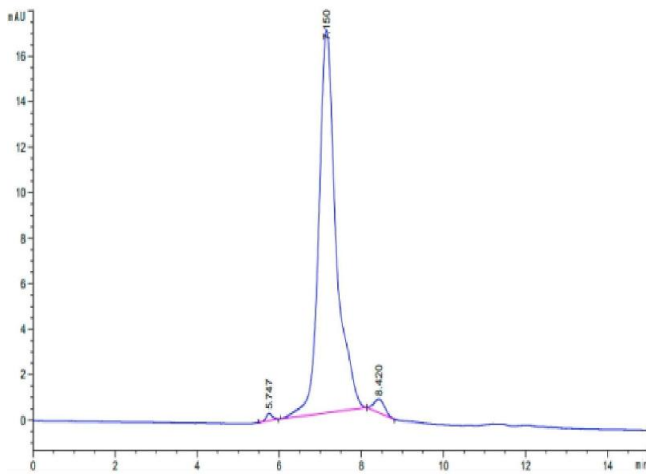
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human TNFSF12 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human TNFSF12 is greater than 95 % as determined by SEC-HPLC.