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TNFRSF12A Protein (AA 28-80) (Fc Tag)

2 Images



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Overview

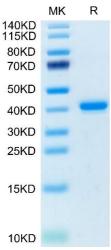
Quantity:	100 μg
Target:	TNFRSF12A
Protein Characteristics:	AA 28-80
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF12A protein is labelled with Fc Tag.

Product Details

Purpose:	Human TNFRSF12A/TWEAKR Protein
Sequence:	Glu28-Per80
Characteristics:	Recombinant Human TNFRSF12A/TWEAKR Protein is expressed from HEK293 with hFc tag at the N-Terminus.It contains Glu28-Per80.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 μm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human TNFRSF12A, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-TNFRSF12A Antibody, hFc Tag with the EC50 of 25ng/ml determined by ELISA. See testing image for detail.

Target Details

Taryer Details	
Target:	TNFRSF12A
Alternative Name:	TNFRSF12A (TNFRSF12A Products)
Background:	Thyroid cancer (TC) is the most well-known endocrine neoplasia as well as a common
	malignant tumor in the head and neck.TNFRSF12A expression may be a potential useful
	prognostic molecular biomarker of bad survival in thyroid cancer, in addition, PPAR signaling
	pathway, insulin signaling pathway, mTOR signaling pathway may be the key pathway
	controlled by TNFRSF12A in thyroid cancer. Further experimental ought to be performed to
	demonstrate the biologic effect of TNFRSF12A.
Molecular Weight:	32.9 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Tris-Bis PAGE result.
Pathways:	Apoptosis, Regulation of Cell Size
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 (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



Human TNFRSF12A, hFc Tag ELISA

0.05μg Human TNFRSF12A, hFc Tag Per Well

2.0 Mean Abs.(OD450) 1.0 0.5 0.0 0

Log Biotinylated Anti-TNFRSF12A Ab., hFc Tag Conc.(µg/ml)

SDS-PAGE

Image 1. Human TNFRSF12A on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

ELISA

Image 2. Immobilized Human TNFRSF12A, hFc Tag at 0.5 μ g/mL (100 μ L/Well) on the plate. Dose response curve for Biotinylated Anti-TNFRSF12A Antibody, hFc Tag with the EC50 of 25 ng/mL determined by ELISA.