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Datasheet for ABIN1691586
TNFRSF12A Protein (AA 1-79) (Fc Tag)

Overview

Quantity:	50 µg
Target:	TNFRSF12A
Protein Characteristics:	AA 1-79
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF12A protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human TWEAK Receptor/TWEAK R/TNFRSF12A (C-Fc)
Sequence:	EQAPGTAPCS RGSSWSADLD KCMDCASGRA RPHSDFCLGC AAAPPAPFRL LWVDDIEGRM DEPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVLS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS REEMTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT PPVLDSGDSF FLYSKLTVDK SRWQQGNVFS CSVMHEALTHN HYTQKSLSLG PGK
Characteristics:	Recombinant Human Tweak-Receptor/FN14 is produced by our mammalian expression system. The target protein is expressed with sequence (Met1-Trp79) of Human TNFRSF12A fused with a FC tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	TNFRSF12A
Alternative Name:	TNFRSF12A (TNFRSF12A Products)
Sub Type:	Fusionprotein
Background:	<p>Tumor necrosis factor receptor superfamily member 12A(TNFRSF12A) is also known as Fibroblast growth factor-inducible immediate-early response protein 14, FN14, CD266 antigen and tweak-receptor. TNFRSF12A is a single-pass type I membrane protein, including a 27 aa signal peptide, a 53 aa extracellular domain, a 21 aa transmembrane domain and a 28 aa cytoplasmic domain. TNFRSF12A is highly expressed in heart, placenta and kidney. TNFRSF12A can be induced by FGF1 and phorbol ester. TNFRSF12A binds to TWEAK/TNFSF12A to initiate a signal transduction cascade, causing different cellular responses such as cell death, cell proliferation, and angiogenesis.</p> <p>Alternative Names: TNFRSF12A,Fibroblast growth factor-inducible immediate-early response protein 14, FN14, CD266 antigen and tweak-receptor.</p>
Molecular Weight:	35.6 kDa
UniProt:	Q9NP84
Pathways:	Apoptosis , Regulation of Cell Size

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

Handling

Expiry Date: 5 months