

Datasheet for ABIN1344258

TNFRSF1A Protein (AA 22-211, Extracellular Domain) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TNFRSF1A
Protein Characteristics:	Extracellular Domain, AA 22-211
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF1A protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Specificity:	Binds human and mouse TNF-alpha.
Cross-Reactivity:	Human, Mouse (Murine)
Characteristics:	The extracellular domain of human TNF-R1 (aa 22-211) is fused to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	TNFRSF1A
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Target Details

Alternative Name:	TNF-R1 (TNFRSF1A Products)
Background:	TNF-R1 is a receptor for TNF-alpha and homotrimeric lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis.
Molecular Weight:	~60kDa (reducing SDS-PAGE)
UniProt:	P19438
Pathways:	NF-kappaB Signaling , Apoptosis , Caspase Cascade in Apoptosis , Hepatitis C , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	TNF-R1:Fc fusion protein blocks TNF-alpha-mediated biological effect with an inhibitory activity in a concentration range of 0.1 to 1µg/ml.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile water.
Concentration:	Lot specific
Buffer:	Lyophilized. Contains PBS.
Storage:	4 °C, -20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months