

Datasheet for ABIN7505760

TNFRSF1A Protein (AA 1-212) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF1A
Protein Characteristics:	AA 1-212
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF1A protein is labelled with His tag.

Product Details

Sequence:	Met1-Ala212
Characteristics:	A DNA sequence encoding the Mouse Tnfrsf1a protein (P25118) (1-212) was expressed with a C-His .
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	TNFRSF1A
Alternative Name:	TNFR1 (TNFRSF1A Products)
Background:	Abbreviation: TNFR1;TNFRSF1A Target Synonym: CD120a;FPF;p55;p55-R;TNF-alphaR1;TNF-R;TNF-R-I;TNF-R1;TNF-R55;TNFalpha-R1;TNFAR;Tnfr;Tnfr1;TNFR60;TNFRI;TNFRp55 Background: The cluster of differentiation (CD) system is commonly used as cell markers in

Target Details

immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD120a (cluster of differentiation 120a), also known as TNFR1 / TNFRSF1A, is a member of CD family, tumor necrosis factor receptor superfamily. CD120a is one of the most primary receptors for the tumor necrosis factor-alpha. It has been shown to be localized to both plasma membrane lipid rafts and the trans golgi complex with the help of the death domain (DD). CD120a can activate the transcription factor NF-κB, mediate apoptosis, and regulate inflammation processes.

Molecular Weight:	Calculated MW: 23.21 kDa Observed MW: 35 kDa
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UniProt:	P25118
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Pathways:	NF-kappaB Signaling , Apoptosis , Caspase Cascade in Apoptosis , Hepatitis C , Ubiquitin Proteasome Pathway
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Expiry Date:	12 months
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