

Datasheet for ABIN7505627

TNFRSF1B Protein (AA 1-257) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF1B
Protein Characteristics:	AA 1-257
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF1B protein is labelled with His tag.

Product Details

Sequence:	Met1-Asn257
Characteristics:	A DNA sequence encoding the Human TNFRSF1B protein (P20333) (1-257) was expressed with a C-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	TNFRSF1B
Alternative Name:	TNFRSF1B (TNFRSF1B Products)
Background:	Abbreviation: TNFRSF1B,CD120b Target Synonym: CD120b,p75,p75TNFR,TBPII,TNF-R-II,TNF-R75,TNFBR,TNFR1B,TNFR2,TNFR80 Background: Tumor necrosis factor receptor superfamily, member 1B (TNFRSF1B), also known

Target Details

as Tumor necrosis factor receptor 2 (TNFR2) or CD120b antigen, is a member of the tumor necrosis factor receptor superfamily. TNFR2/CD120b/TNFRSF1B is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. TNFR2/CD120b/TNFRSF1B is not a major contributing factor to the genetic risk of type 2 diabetes, its associated peripheral neuropathy and hypertension and related metabolic traits in North Indians. Tumor necrosis factor receptor superfamily, member 1B (TNFRSF1B) has been reported to be associated with SLE risk in Japanese populations. TNFR2/CD120b/TNFRSF1B serves as a receptor with high affinity for TNFSF2 and approximately 5-fold lower affinity for homotrimeric TNFSF1. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.

Molecular Weight:	Calculated MW: 28.16 kDa Observed MW: 45 kDa
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UniProt:	P20333
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Pathways:	NF-kappaB Signaling , Apoptosis , Cellular Response to Molecule of Bacterial Origin , 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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Handling

Expiry Date: 12 months