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Datasheet for ABIN7320396  
**TNFRSF1B Protein (Fc Tag)**

1 Image

Overview

Quantity:	100 µg
Target:	TNFRSF1B
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF1B protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse TNFRSF1B/CD120b Protein (Fc Tag) (Active)
Sequence:	Met 1-Gly 258
Characteristics:	A DNA sequence encoding the extracellular domain of mouse TNFRSF1B (NP_035740.2) (Met 1-Gly 258) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 20-80 ng/mL in the presence of 0.5 ng/mL of Recombinant Mouse TNFα.

Target Details

Target:	TNFRSF1B
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## Target Details

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Alternative Name: TNFRSF1B/CD120b ([TNFRSF1B Products](#))

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Background: Background: Tumor necrosis factor receptor superfamily, member 1B (TNFRSF1B), also known 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. Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy  
Synonym: CD120b;p75;TNF-alphaR2;TNF-R-II;TNF-R2;TNF-R75;TNFalpha-R2;TNFBR;Tnfr-1;Tnfr2;TNFR80;TNFR1I;Tumor necrosis factor receptor superfamily member 1b;Tnfrsf1b

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Molecular Weight: 52.3 kDa

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NCBI Accession: [NP\\_035740](#)

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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

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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Buffer: Lyophilized from sterile PBS, pH 7.4

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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.

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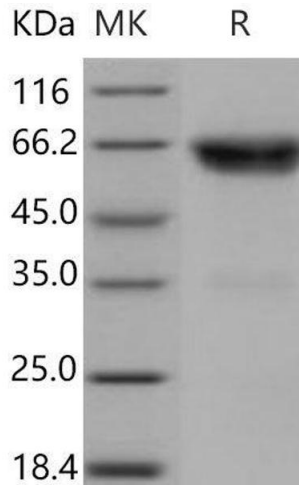
## Handling

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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.

## Images

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### Western Blotting

Image 1.