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Datasheet for ABIN7538581

TNFRSF1B Protein (AA 23-258) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	TNFRSF1B
Protein Characteristics:	AA 23-258
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF1B protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse TNFRSF1B protein with C-terminal 6xHis tag
Specificity:	Mouse TNFRSF1B (Val23-Gly258) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TNFRSF1B
Alternative Name:	TNFRSF1B (TNFRSF1B Products)
Background:	Enables tumor necrosis factor-activated receptor activity. Involved in several processes,

Target Details

including negative regulation of extracellular matrix constituent secretion, regulation of nervous system development, and semi-lunar valve development. Acts upstream of or within several processes, including RNA destabilization, apoptotic signaling pathway, and negative regulation of inflammatory response. Located in membrane raft. Is expressed in several structures, including blood, dorsal aorta, extraembryonic component, genitourinary system, and liver. Human ortholog(s) of this gene implicated in several diseases, including Parkinsonism, acne, bone disease (multiple), glomerulonephritis (multiple), and lung disease (multiple). Orthologous to human TNFRSF1B (TNF receptor superfamily member 1B). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 26.2 kDa after removal of the signal peptide. The apparent molecular mass of mTNFRSF1B-His is 25-55 kDa due to glycosylation.

UniProt: [P25119](#)

Pathways: [NF-kappaB Signaling](#), [Apoptosis](#), [Cellular Response to Molecule of Bacterial Origin](#), [Hepatitis C](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Restrictions: For Research Use only

Handling

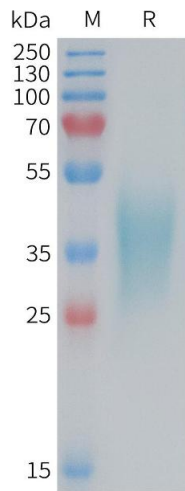
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse TNFB Protein, His Tag on SDS-PAGE under reducing condition.