

MOUSE TNFRSF1B PROTEIN, HIS TAG

Cat.#: 12208

Product Name: Mouse TNFRSF1B Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: p75;TNFBR;Tnfr2;CD120b;TNF-R2;TNFR80;TNFRII;Tnfr-I;TNF-R75;TNF-R-II;TNF-alphaR2;TNFalpha-R2

Target: TNFRSF1B

UNIPROT ID: P25119

Description: Recombinant mouse TNFRSF1B protein with C-terminal 6xHis tag

Background: Enables tumor necrosis factor-activated receptor activity. Involved in several processes, 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]

Species/Host: HEK293

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

Molecular Characterization: Mouse TNFRSF1B(Val23-Gly258) 6xHis tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: 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.

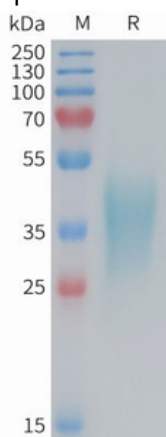


Figure 1. Mouse TNFRSF1B Protein, His Tag on SDS-PAGE under reducing condition.