

## PRODUCT INFORMATION

<b>Target</b>	TNFRSF1B
<b>Synonyms</b>	p75;TNFBR;Tnfr2;CD120b;TNF-R2;TNFR80;TNFR1;Tnfr-1;TNF-R75;TNF-R-II;TNF-alphaR2;TNFalpha-R2
<b>Description</b>	Recombinant mouse TNFRSF1B protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P25119
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	Mouse TNFRSF1B(Val23-Gly258) 6×His tag
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



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

