PRODUCT INFORMATION

Target	TNFRSF1B
Synonyms	CD120b;p75;p75TNFR;TBPII;TNF-R-II;TNF-R75;TNFBR;TNFR1B;TNFR2;TNFR80
Description	Recombinant Human TNFRSF1B Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P20333
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	TNFRSF1B(Leu23-Asp257) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 51.3 kDa after removal of the signal peptide. The apparent molecular mass of TNFRSF1B-hFc is approximately 55-70kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
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.
Background	The protein encoded by this gene 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. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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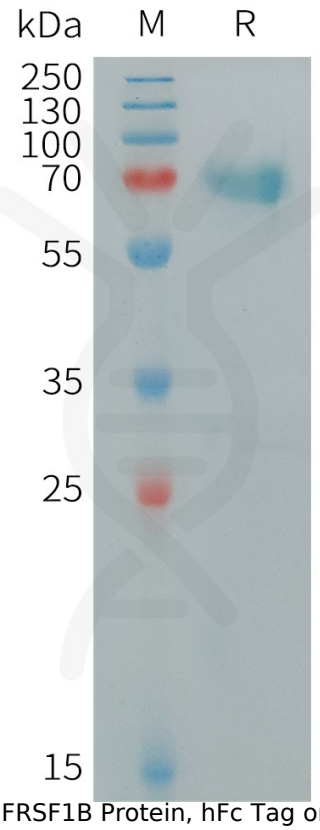


Figure 1. Human TNFRSF1B Protein, hFc Tag on SDS-PAGE under reducing condition.

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