PRODUCT INFORMATION

Target	TNFRSF1A
Synonyms	Tumor necrosis factor receptor superfamily member 1A;TNF-R1;TNF-RI;TNFR-I
Description	Recombinant human TNFRSF1A protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P19438
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	TNFRSF1A(Leu30-Thr211) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.6 kDa after removal of the signal peptide. The apparent molecular mass of TNFRSF1A-hFc is approximately 55-70 kDa 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	This gene encodes a member of the TNF receptor superfamily of proteins. The encoded receptor is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mutations in this gene underlie tumor necrosis factor receptor-associated periodic syndrome (TRAPS), characterized by fever, abdominal pain and other features. Mutations in this gene may also be associated with multiple sclerosis in human patients. [provided by RefSeq, Sep 2016]
Usage	Research use only
Conjugate	Unconjugated

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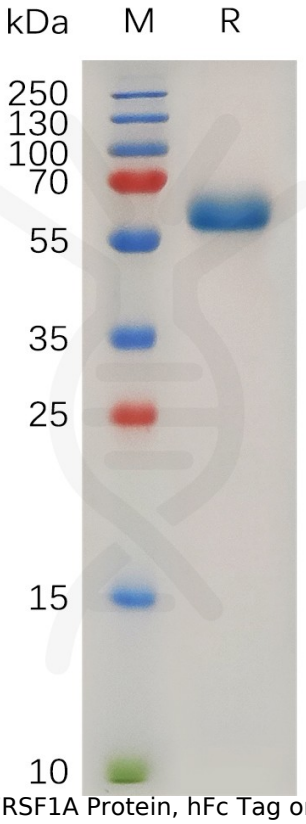


Figure 1. Human TNFRSF1A Protein, hFc Tag on SDS-PAGE under reducing condition.

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