PRODUCT INFORMATION

Target	TREML1
Synonyms	TLT1;TLT-1;PRO3438;GLTL1825;dJ238O23.3
Description	Recombinant human TREML1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q86YW5
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	TREML1(Gln16-Pro162) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 42.0 kDa after removal of the signal peptide. The apparent molecular mass of TREML1-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 triggering receptor expressed on myeloid cells-like (TREM) family. The encoded protein is a type 1 single Ig domain orphan receptor localized to the alpha-granule membranes of platelets. The encoded protein is involved in platelet aggregation, inflammation, and cellular activation and has been linked to Gray platelet syndrome. Alternative splicing results in multiple transcript variants [provided by RefSeq, Nov 2012]
Usage	Research use only
Conjugate	Unconjugated

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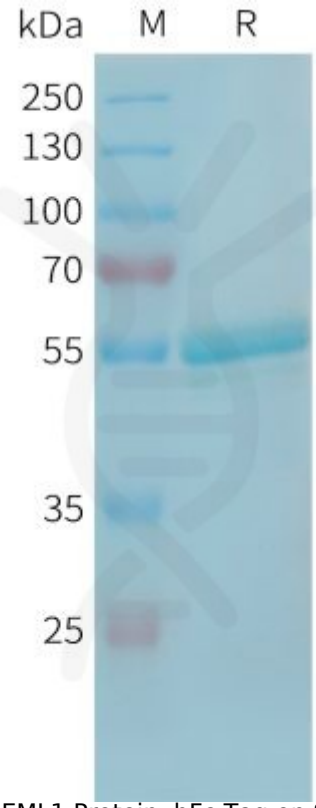


Figure 1. Human TREML1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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