

HUMAN TREML2 PROTEIN**Cat.#:** 12272**Product Name:** Human TREML2 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** TLT2;TLT-2;C6orf76;dJ238O23.1**Target:** TREML2**UNIPROT ID:** Q5T2D2**Description:** Recombinant human TREML2 Protein with C-terminal 6xHis tag**Background:** TREML2 is located in a gene cluster on chromosome 6 with the single Ig variable (IgV) domain activating receptors TREM1 (MIM 605085) and TREM2 (MIM 605086), but it has distinct structural and functional properties (Allcock et al., 2003 [PubMed 12645956]).[supplied by OMIM, Mar 2008]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 27.9 kDa after removal of the signal peptide.**Molecular Characterization:** TREML2(Gly19-Ser268) 6×His 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.

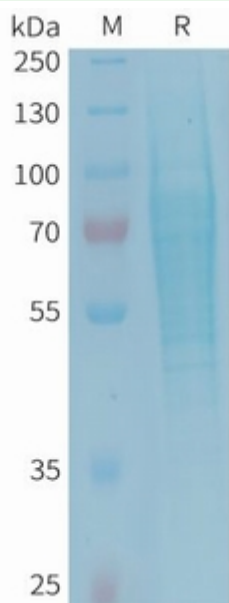


Figure 1. Human TREML2 Protein, His Tag on SDS-PAGE under reducing condition.