

Human TREML2/TLT-2 Protein

Cat. No. TLT-HM102

Description

Source	Recombinant Human TREML2/TLT-2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly19-Ser268.
Accession	Q5T2D2
Molecular Weight	The protein has a predicted MW of 28.2 kDa. Due to glycosylation, the protein migrates to 73-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

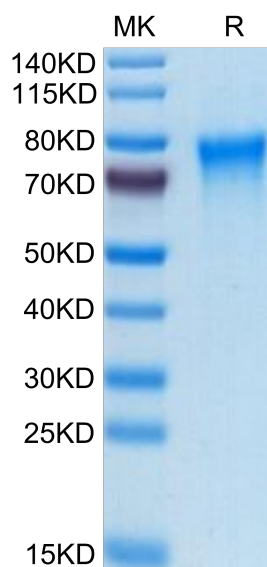
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

As an important family member of triggering receptor expressed on myeloid cells (TREM), TREM-like transcript 2 gene (TREML2) locates on human chromosome 6p21.1, a newly-identified hot zone for AD susceptibility, and encodes a transmembrane immune receptor. Emerging evidence implied a potential role of TREML2 in the susceptibility and pathogenesis of AD.

Assay Data

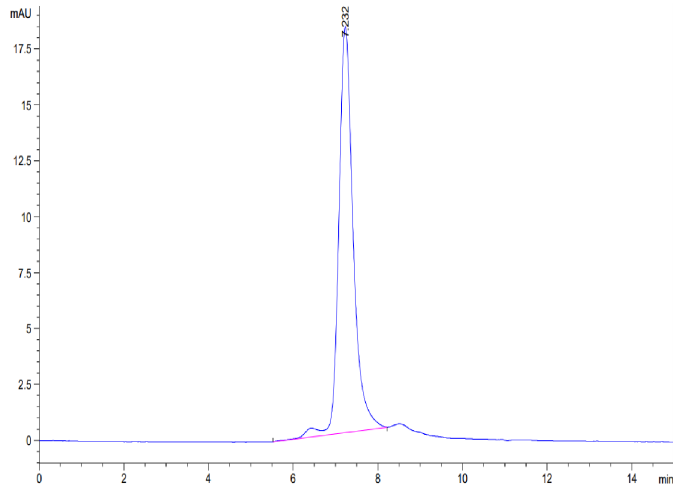
Bis-Tris PAGE



Human TREML2/TLT-2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Human TREML2/TLT-2 is greater than 95% as determined by SEC-HPLC.