

Rev03
 Update: Aug,08,2025

DATASHEET

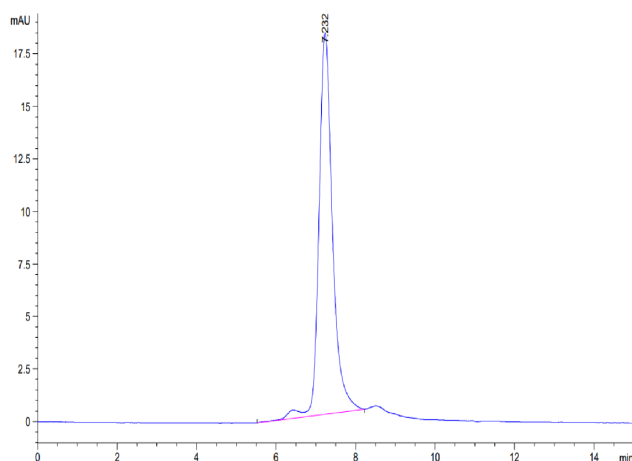
TREML2/TLT-2, His, Human

Cat. No.: Z05924

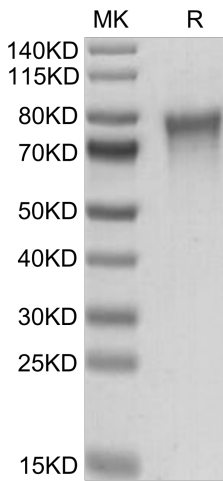
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; margin-right: 10px;">REML2/TLT-2 (Gly19-Ser268)_x000D_ Accession # Q5T2D2</div> <div style="background-color: #76b82a; color: white; padding: 5px; margin-left: 10px;">His</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	28.2 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 73-80 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



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



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

Background

Target 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.

Synonyms : TLT-2; C6orf76; dJ238O23.1; FLJ13693; MGC149715; MGC149716; TREML2; UNQ6268/PRO20473

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China