

Rev05
 Update: Feb,06,2026

DATASHEET

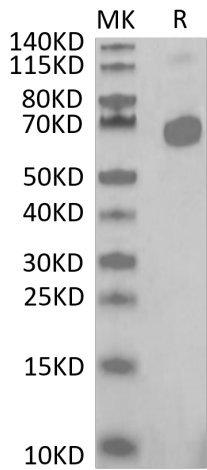
CD27 Ligand/CD70 Trimer, His, Human

Cat. No.: Z04180

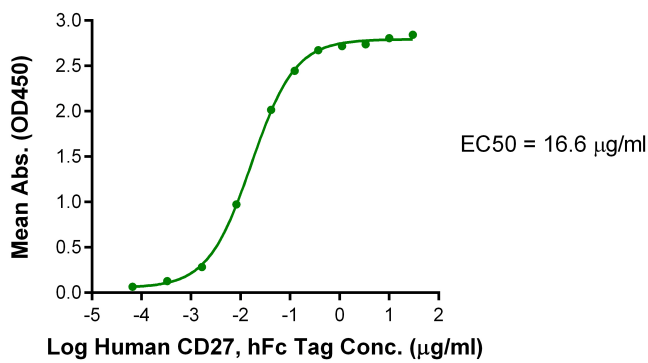
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #4a7ebb; color: white; padding: 5px; margin-right: 10px;">His</div> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> CD27 Ligand/CD70 Trimer (Leu50-Pro193) Accession # P32970-1 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	51.8 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 62-65 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 for 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.

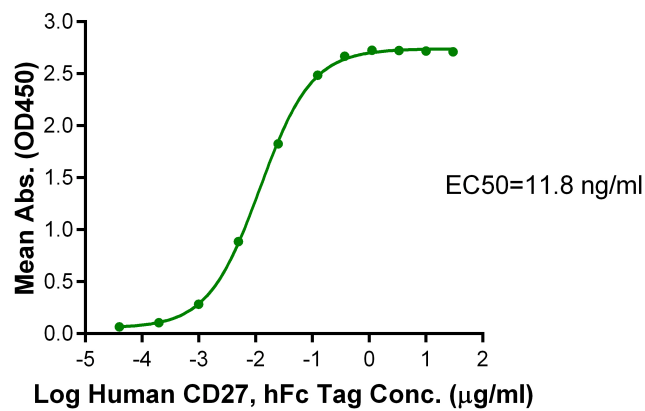
Examples



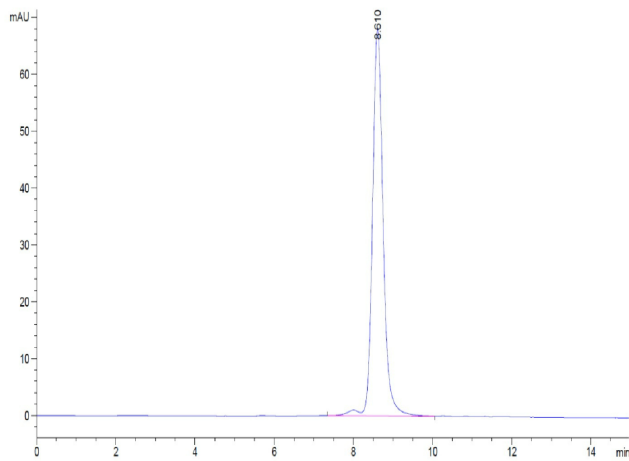
CD27 Ligand/CD70 Trimer, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized CD27 Ligand/CD70 Trimer, His, Human, His Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Human CD27, hFc Tag with the EC50 of 16.6ng/ml determined by ELISA.



Immobilized CD27 Ligand/CD70 Trimer, His, Human, His Tag at 2 µg/ml (100 µL/well) on the plate. Dose response curve for Human CD27, hFc Tag with the EC50 of 11.8 ng/ml determined by ELISA.



The purity of CD27 Ligand/CD70 Trimer, His, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : CD70, also named CD27 ligand (CD27L), is a type II transmembrane glycoprotein belonging to the TNF superfamily (TNFSF) and has been designated TNFSF7. CD70 is a cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.

Synonyms : CD70 molecule; CD70; TNFSF7; CD27 Ligand; CD27-L; CD27LG; Ki-24 antigen; TNFSF7G

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

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