

Rev04
 Update: Aug,20,2025

DATASHEET

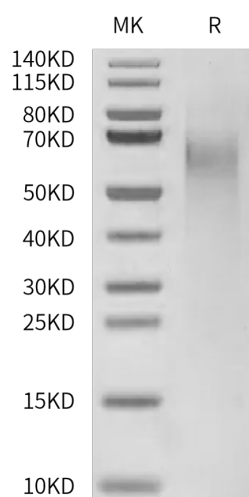
CD27 Ligand/CD70, His, Cynomolgus

Cat. No.: Z04112

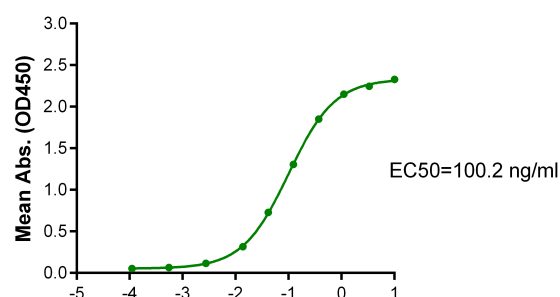
Product Introduction

Species	Cynomolgus
Protein Construction	His CD27 Ligand/CD70 (Gln39-Pro194) Accession # G7PYU6-1 N-termC-term
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per ug 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	18.4 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 55-70 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, His, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized CD27 Ligand/CD70, His, Cynomolgus, His Tag at 2 μg/ml (100 μL/well) on the plate. Dose response curve for Cynomolgus / Rhesus macaque CD27, hFc Tag with the EC₅₀ of 100.2 ng/ml determined by ELISA.

Log Cynomolgus / Rhesus macaque CD27, hFc Tag Conc. (μg/ml)

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