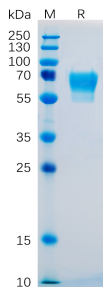


## Recombinant Human CD27 Protein (Fc Tag) (A318253)

### Specifications:

Name:	Recombinant Human CD27 Protein (Fc Tag)
Applications:	ELISA, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Sequence:	CD27(Ala20-Arg191)+hFc(Glu99-Ala330)
Tag:	C-terminal Human Fc Tag
Molecular Weight:	The protein has a predicted molecular mass of 45.3 kDa after removal of the signal peptide. The apparent molecular mass of CD27-hFc is approximately 55-70 kDa due to glycosylation.
Conjugate:	Unconjugated
Purity:	> 95%, by SDS-PAGE and Coomassie blue staining.
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5%-8% Trehalose is added as a protectant before lyophilization.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

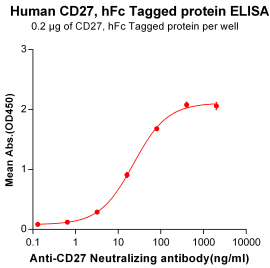
### Images:



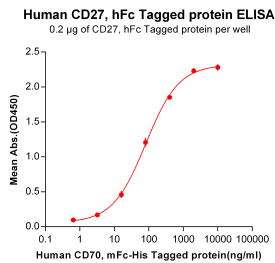
SDS-PAGE of Recombinant Human CD27 Protein (Fc Tag) (A318253) under reducing conditions.

# Recombinant Human CD27 Protein (Fc Tag) (A318253)

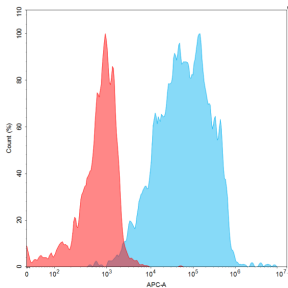
Images continued:



ELISA plates were pre-coated with Recombinant Human CD27 Protein (Fc Tag) (A318253) at 2 µg/ml (100 µl/well) which can bind Varlilumab Biosimilar - Anti-CD27 Antibody - BSA and Azide free (A318938) in a linear range of 3.2-80.0 ng/ml. In order to specifically detect Varlilumab Biosimilar - Anti-CD27 Antibody - BSA and Azide free (A318938), Mouse Anti-Human Fab Antibody was used as detection antibody.



ELISA plates were pre-coated with Recombinant Human CD27 Protein (Fc Tag) (A318253) at 2 µg/ml (100 µl/well) which can bind Recombinant Human CD70 Protein (Fc Tag & 6×His Tag) (A318368) in a linear range of 3.2-400 ng/ml.



Flow cytometry analysis of 15µg/ml of Recombinant Human CD27 Protein (Fc Tag) (A318253) on Expi293 cells transfected with human CD70 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).