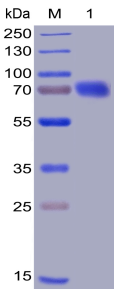
Recombinant Human CD28 Protein (Fc Chimera 6xHis Tag) (A318394)

Specifications:

Name:	Recombinant Human CD28 Protein (Fc Chimera 6xHis Tag)
Applications:	ELISA, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Sequence:	CD28(Asn19-Pro152)+mFc(Pro99-Lys330)+6xHisTag
Tag:	C-terminal Mouse Fc Tag and 6xHis Tag
Molecular Weight:	The protein has a predicted molecular mass of 68-72 kDa after removal of the signal peptide.
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.

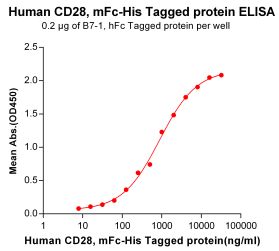
Images:



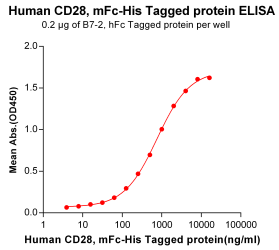
SDS-PAGE of Recombinant Human CD28 Protein (Fc Chimera 6xHis Tag) (A318394) under reducing conditions.

Recombinant Human CD28 Protein (Fc Chimera 6xHis Tag) (A318394)

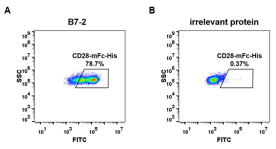
Images continued:



ELISA plates were pre-coated with Recombinant Human CD80 Protein (Fc Tag) (A318255) at 2 μg/ml (100 μl/well) which can bind Recombinant Human CD28 Protein (Fc Chimera 6xHis Tag) (A318394) in a linear range of 125-4000 ng/ml.



ELISA plates were pre-coated with Recombinant Human CD86 Protein (Fc Tag) (A318254) at 2 μg/ml (100 μl/well) which can bind Recombinant Human CD28 Protein (Fc Chimera 6xHis Tag) (A318394) in a linear range of 62.5-4000 ng/ml.



HEK293 cell line was transfected with: Irrelevant protein (B) and human B7-2 (A). Cells were surface stained with 1μg/ml of Recombinant Human CD28 Protein (Fc Chimera 6xHis Tag) (A318394) followed by Anti-Mouse IgG Antibody (Alexa 488).