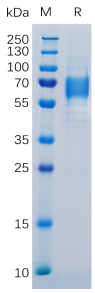
Recombinant Human IL-6R Protein (6xHis Tag) (A318309)

Specifications:

Name:	Recombinant Human IL-6R Protein (6xHis Tag)
Applications:	ELISA, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Sequence:	IL6R(Leu20-Pro365)+6xHisTag
Tag:	C-terminal 6xHis Tag
Molecular Weight:	The protein has a predicted molecular mass of 39.4 kDa after removal of the signal peptide. The apparent molecular mass of IL6R-His 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.

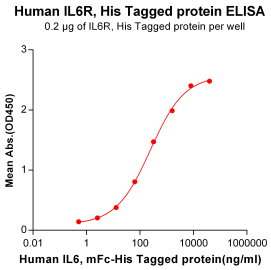
Images:



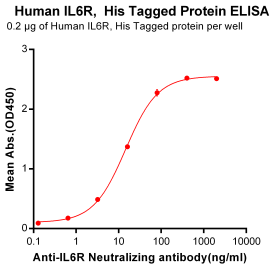
SDS-PAGE of Recombinant Human IL-6R Protein (6×His Tag) (A318309) under reducing conditions.

Recombinant Human IL-6R Protein (6xHis Tag) (A318309)

Images continued:



ELISA plates were pre-coated with Recombinant Human IL-6R Protein (6×His Tag) (A318309) at 2 μg/ml (100 μl/well) which can bind Recombinant Human IL-6 Protein (Fc Chimera 6xHis Tag) (A318376) in a linear range of 0.512-40000 ng/ml.



ELISA plates were pre-coated with Recombinant Human IL-6R Protein (6×His Tag) (A318309) at 2 μg/ml (100 μl/well) which can bind Tocilizumab Biosimilar - Anti-IL-6R Antibody - BSA and Azide free (A318915) in a linear range of 0.64-80 ng/ml.