

Product Datasheet

Human TNF α Protein, His Tag (orb689423)

Catalog Number	orb689423
Category	Proteins
Description	Recombinant human TNF α protein with C-terminal 6 \times His tag
Target	TNFA
Conjugation	Unconjugated
Tag	C-6 \times His Tag
Reactivity	Human
Form/Appearance	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Buffer/Preservatives	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Purification	Purified from cell culture supernatant by affinity chromatography
UniProt ID	P01375
MW	The protein has a predicted molecular mass of 18.1 kDa after removal of the signal peptide.

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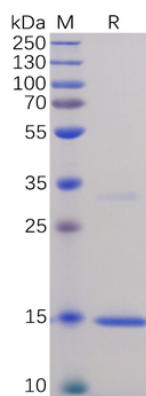
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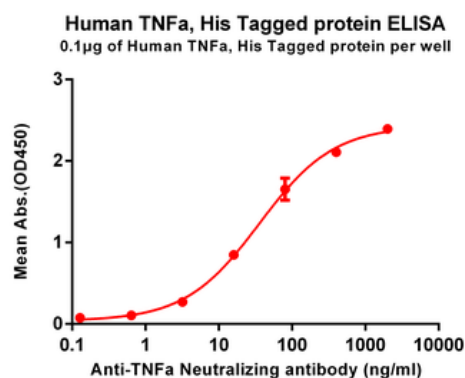
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Expression System	HEK293
Source	Mammalian
Expression Region	TNF α (Arg78-Leu233) 6 \times His tag
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Note	For research use only
Expiration Date	6 months from date of receipt.



Human TNF α Protein, His Tag on SDS-PAGE under reducing condition.



ELISA plate pre-coated by 1 μ g/ml (100 μ L/well) Human TNF α , His tagged protein (orb689423) can bind Anti-TNF α Neutralizing antibody ([getskuurl sku"orb1173644"]) in a linear range of 0.64-16 ng/ml.

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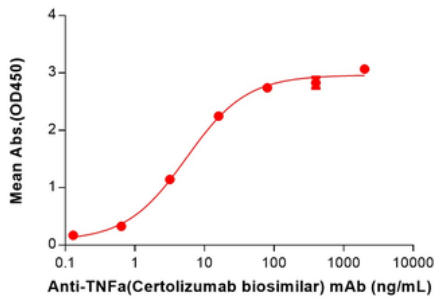
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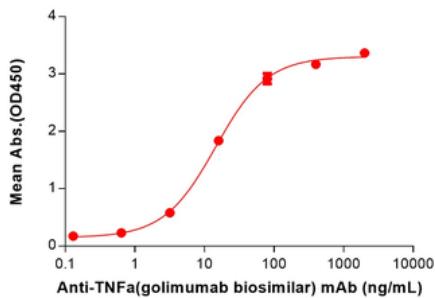
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Human TNF α , His Tagged protein ELISA
0.2 μ g of Human TNF α , His tagged protein per well

ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human TNF α Protein, His Tag (orb689423) can bind Anti-TNF α (Certolizumab biosimilar) mAb (orb1826906) in a linear range of 0.64–16 ng/ml.

Human TNF α , His Tagged protein ELISA
0.2 μ g of Human TNF α , His tagged protein per well

ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human TNF α Protein, His Tag (orb689423) can bind Anti-TNF α (golimumab biosimilar) mAb (orb1826910) in a linear range of 3.20–80 ng/ml.

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