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Datasheet for ABIN6964094  
**VEGFA Protein (His tag)**

2 Images

Overview

Quantity:	100 µg
Target:	VEGFA
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGFA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human VEGFA Protein with C-terminal 6xHis tag
Specificity:	VEGFA (Ala27-Lys147) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	VEGFA
Alternative Name:	VEGFA ( <a href="#">VEGFA Products</a> )
Molecular Weight:	predicted molecular mass of 14.8 kDa after removal of the signal peptide.
Gene ID:	7422

## Target Details

UniProt: [P15692](#)

Pathways: [RTK Signaling](#), [Glycosaminoglycan Metabolic Process](#), [Regulation of Cell Size](#), [Tube Formation](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Platelet-derived growth Factor Receptor Signaling](#), [VEGFR1 Specific Signals](#), [VEGF Signaling](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C,-80 °C

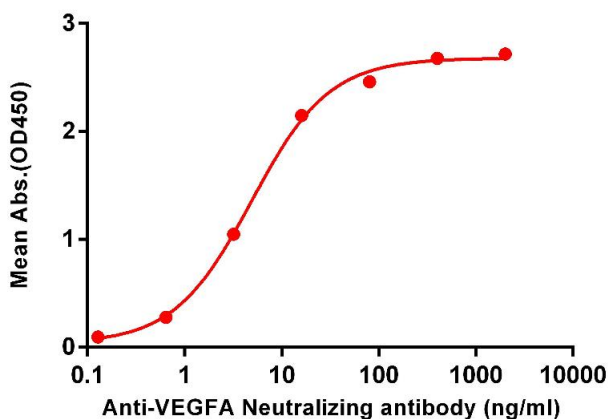
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

## Images

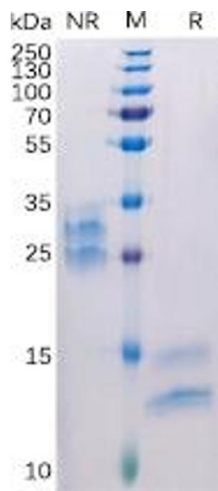
### Human VEGFA, His Tagged protein ELISA

0.1µg of Human VEGFA, His Tagged protein per well



### ELISA

**Image 1.** ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human VEGFA , His tagged protein (ABIN6964094) can bind Anti-VEGFA Neutralizing antibody in a linear range of 3.2-16 ng/mL.



### SDS-PAGE

**Image 2.** Human VEGFA Protein, His Tag on SDS-PAGE under non-reducing(NR) and reducing(R) conditions.