

Datasheet for ABIN7607348

VEGFA Protein (AA 27-190, Isoform 2)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	VEGFA
Protein Characteristics:	AA 27-190, Isoform 2
Origin:	Rat
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Rat VEGFA Protein, No tag (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is 0.75-3.75 ng/mL.

Target Details

Target:	VEGFA
Alternative Name:	Vascular endothelial growth factor A (VEGFA Products)
Background:	Vascular endothelial growth factor A, VPF, VEGFA, VEGF, Vascular permeability factor, VEGF-A,

Target Details

UniProt:	P16612
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

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months