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Datasheet for ABIN4371386
VEGFA Protein (AA 27-190)

Overview

Quantity:	50 µg
Target:	VEGFA
Protein Characteristics:	AA 27-190
Origin:	Rat
Source:	Yeast (<i>Pichia pastoris</i>)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Rat VEGF-A/VEGF164
Sequence:	APTTEGEQKT HEVVKFMDVY QRSYCRPIET LVDIFQEYPD EIEYIFKPSC VPLMRCAGCC NDEALECVPT SESNVTMQIM RIKPHQSQHI GEMSFLQHSR CECRPKKDRT KPENHCEPCS ERRKHLFVQD PQTCKCCKN TDSRCKARQL ELNERTCRCD KPRR
Characteristics:	Recombinant Rat VEGF-A/VEGF164
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	VEGFA
Alternative Name:	VEGF-A (VEGFA Products)

Target Details

Molecular Weight:	19.2 kDa
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
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.