Recombinant Rat Vegfa Protein, None-tagged, Alexa Fluor 555 conjugated

Cat. No. Vegfa-878RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Rat Vegfa (AAA41211.1) 164 isoform (Met 1-Arg 190), fused with no tag, was produced in Baculovirus-Insect cells.
Species	Rat
Source	Insect Cells
ProteinLength	164
Form	Lyophilized
Molecular Mass	The secreted recombinant rat VEGF164 consists of 164 amino acids and has a predicted molecular mass of 19.2 kDa. The apparent molecular mass of the rat VEGF164 is approximately 25 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from 0.2 μm filtered solution of 100 mM Glycine, 10 mM NaCl, pH 7.0
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 555

GENE INFORMATION

Gene Name	Vegfa vascular endothelial growth factor A [Rattus norvegicus]
Official Symbol	Vegfa
Gene ID	83785
mRNA Refseq	NM_001110333
Protein Refseq	NP_001103803

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