

## Recombinant Rat Vegfa protein, His-tagged

**Cat. No.** Vegfa-3752R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Vegfa protein(P16612)(27-214aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	27-214aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	26.1 kDa
<b>AA Sequence</b>	APTTEGEQKAHEVVKFMDVYQRSYCRPIETLVDIFQEYYPDEIEYIFKPSCVPLMRCAG CCNDEALECVPTSESNVTMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPEK KSVRGKGGKQKRKRKRSRFSWSVHCEPCSERRKHFLVQDPQTCKCCKNTDSR CKARQLELNERTCRCDKPRR
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION****Gene Name**

Vegfa vascular endothelial growth factor A [ *Rattus norvegicus* ]

**Official Symbol**

Vegfa

**Synonyms**

VEGFA; vascular endothelial growth factor A; VPF; VEGF-A; vascular permeability factor; Vegf; VEGF164;

**Gene ID**

83785

**mRNA Refseq**

NM\_001110333

**Protein Refseq**

NP\_001103803

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