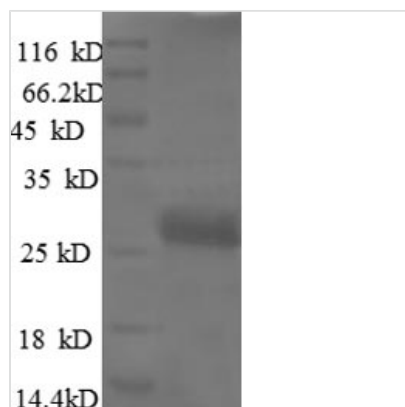




Recombinant Rat Vascular endothelial growth factor A (Vegfa)

Product Code	CSB-EP025833RA
Relevance	Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. May play a role in increasing vascular permeability during lactation, when increased transport of molecules from the blood is required for efficient milk protein synthesis.
Abbreviation	Recombinant Rat Vegfa protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P16612
Alias	Vascular permeability factor ;VPF
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	APTTEGEQKAHEVVVKFMDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLM RCAGCCNDEALECVPTSESNVTMQIMRIKPHQSQHIGEMSFLQHSRCECRPK KDRTKPEKKSVRGKGKGQKRKRKKSFRKSWSVHCEPCSERRKHLFVQDPQT CKCSCKNTDSRCKARQLELNERTCRCDKPRR
Research Area	Others
Source	E.coli
Target Names	Vegfa
Expression Region	27-214aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	26.1kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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