

## Recombinant Mouse EG-VEGF - Purified

<b>Alternate names:</b>	EG-VEGF, Endocrine-gland-derived vascular endothelial growth factor, Mambakine, Prokineticin 1, Prokineticin-1
<b>Catalog No.:</b>	AR31101PU-N
<b>Quantity:</b>	20 µg
<b>Background:</b>	EG-VEGF is a secreted angiogenetic mitogen growth factor expressed in the steroidogenic glands, ovary, testis, adrenal and placenta. EG-VEGF induces proliferation and migration fenestration (formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. The murine EG-VEGF gene codes for a 105 amino acid polypeptide containing an N-terminal signal sequence of 19 amino acids.
<b>Uniprot ID:</b>	<a href="#">Q14A28</a>
<b>NCBI:</b>	<a href="#">NP_001037847.1</a>
<b>GenID:</b>	<a href="#">246691</a>
<b>Species:</b>	Mouse
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Lyophilized, Sterile filtered purified protein <b>Purity:</b> >98% pure by SDS-PAGE gel and HPLC analyses <b>Buffer System:</b> 5mM Citric Acid, pH 3.0 <b>Reconstitution:</b> Restore in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.
<b>Description:</b>	Recombinant Murine EG-VEGF is a 9.6 kDa protein consisting of 86 amino acid residues and ten cysteine residues that potentially form five pairs of intra-molecular disulfide bonds. <b>AA Sequence:</b> AVITGACERD IQCGAGTCCA ISLWLRGLRL CTPLGREGEE CHPGSHKIPF LRKRQHHTCP CSPSLLCSRFPDGRYRCFRD LKNANF <b>Molecular weight:</b> 9.6 kDa
<b>Add. Information:</b>	Centrifuge the vial prior to opening.
<b>Storage:</b>	Prior to reconstitution store at 2-8°C for 6 months, at RT for 1 month or at -20°C to -80°C for longer. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.