

Recombinant Mouse EG-VEGF - Purified

Alternate names:	EG-VEGF, Endocrine-gland-derived vascular endothelial growth factor, Mambakine, Prokineticin 1, Prokineticin-1
Catalog No.:	AR31101PU-S
Quantity:	5 µg
Background:	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.
Uniprot ID:	Q14A28
NCBI:	NP_001037847.1
GenID:	246691
Species:	Mouse
Source:	E. coli
Format:	State: Lyophilized, Sterile filtered purified protein Purity: >98% pure by SDS-PAGE gel and HPLC analyses Buffer System: 5mM Citric Acid, pH 3.0 Reconstitution: 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.
Description:	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. AA Sequence: AVITGACERD IQCGAGTCCA ISLWLRGLRL CTPLGREGEE CHPGSHKIPF LRKRQHHTCP CSPSLLCSRFDGGRYRCFRD LKNANF Molecular weight: 9.6 kDa
Add. Information:	Centrifuge the vial prior to opening.
Storage:	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.