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32-12332: Mouse Vascular Endothelial Growth Factor-120

Gene :	Vegfa
Gene ID :	22339
Uniprot ID :	Q00731-3
Alternative Name :	Vascular endothelial growth factor A, Â VEGF-A, Â Vascular permeability factorÂ , VPF

Description

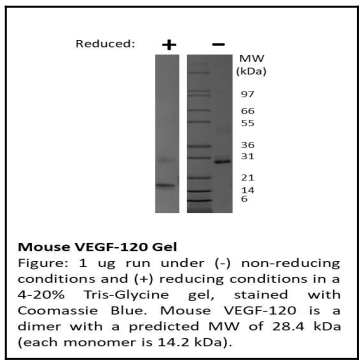
Source: Genetically modified E.coli.
Predicted MW:Â Dimer, 14.2/28.4 kDa (121/242 aa)
Vascular endothelial growth factor A (VEGF-A) is produced by a wide variety of cell types, including tumor and vascular cells. Â VEGF-A is a mediator of vascular growth, vascular permeability, and plays a role in stimulating vasodilation via nitric oxide-dependent pathways. Â Mouse VEGF-A has several alternatively spliced isoforms, with one being VEGF-120. Â VEGF-120 is an angiogenic factor that is expressed throughout endochondral bone development and is important during skeletogenesis.

Product Info

Amount :	10 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MAPTTEGEQK SHEVIKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNITMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKCDKPR R

Application Note

Endotoxin: Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Ã□Â°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss. Ã□Â Ã□Â



Mouse VEGF-120 Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse VEGF-120 is a dimer with a predicted MW of 28.4 kDa (each monomer is 14.2 kDa).

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