

Recombinant Mouse Vascular Endothelial Growth Factor A (VEGFA)

Catalog # ICR8143Mu01

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PROPERTIES]

Source: Prokaryotic expression.

Host: E. coli

Residues: Ala27~Arg146

Tags: N-terminal His-Tag

Tissue Specificity: Spleen.

Subcellular Location: Secreted. Cell membrane; Peripheral membrane protein.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

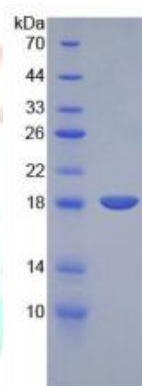
Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling. (May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.5

Predicted Molecular Mass: 17.8kDa

Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions



[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.



Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

```
APTT EGEQKSHEVI KFMDVYQRSY  
CRPIETLVDI FQEYPDEIEY IFKPSCVPLM RCAGCCNDEA LECVPTSESN  
ITMQIMRIKP HQSQHIGEMS FLQHSRCECR PKKDRTKPEK CDKPRR
```

