RECOMBINANT CANINE VEGF-A

Catalog Number (Quantity): RP0252D-005 (5 µg)  
RP0252D-025 (25 µg)

Source: Yeast

Formulation: Lyophilized without carrier protein.

Reconstitution: Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

Stability and Storage: Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

Molecular Weight: 22.0 kDa (calculated)

Purity: >95% as visualized by SDS-PAGE analysis.

Purification: Ion-exchange chromatography

Entrez Gene ID: 403802

Amino Acid Sequence: APMAGGEHKP HEVKFMVY QRSYCRPIET LDIFIQEYPD EIEYIFKPS
VPMLRCGGCC NDEGECVPT EEFNITQM1M RIKPHSQHGI GEMSFLQHSK
CECRPKDRA RQEKKSIRGK GKGQKRKRRK SYYPWSVPC GPCSERRKHL
FVQDQTCCKC SCKNTDSRCK ARQLELNERT CRCDKPRR (188)

Amino Acid Homology: Leptonychotes weddellii (Weddell seal) VEGF-A – 99%
Mustela putorius furo (domestic ferret) VEGF-A – 99%
Odobenus rosmarus divergens (Pacific walrus) VEGF-A – 99%
Acinonyx jubatus (cheetah) VEGF-A – 97%
Camelus bactrianus (Bactrian camel) VEGF-A – 97%
Camelus ferus (Wild Bactrian camel) VEGF-A – 97%
Felis catus (domestic cat) VEGF-A – 97%
Orcinus orca (killer whale) VEGF-A – 97%
Panthera pardus (leopard) VEGF-A – 97%
Physeter catodon (sperm whale) VEGF-A – 97%
Equus przewalskii (Przewalski’s horse) VEGF-A – 96%
Ictidomys tridecemlineatus (thirteen-lined ground squirrel) VEGF-A – 96%
Leptonychotes weddellii (Weddell seal) VEGF-A – 96%
Manis javanica (Malayan pangolin) VEGF-A – 96%
Aotus nancymaeae (Ma’s night monkey) VEGF-A – 95%
Callithrix jacchus (white-tufted-ear marmoset) VEGF-A – 95%
Pongo abelii (Sumatran orangutan) VEGF-A – 95%
Saimiri boliviensis boliviensis (Bolivian squirrel monkey) VEGF-A – 95%

Country of Origin: USA

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