RECOMBINANT CANINE ERYTHROPOIETIN

Catalog Number (Quantity): RP0931D-005 (5 µg)
                        RP0931D-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: 18.4 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID: 404002

Amino Acid Sequence: APPRLICDSR VLERYILEAR EAENVTMGCA QGCSFSENIT VPDTKVNFYTWKRMDVGQQA LEWQGLALL SEAILRGQAL LANASQPSET PQLHVDKAVS SRLSLSLLR ALGAQKEAMS LPEEASPAPL RTFTVDTLCK LFRIYSNFLRGKLTLYTGEA CRRGDR (166)

Amino Acid Homology: Canis lupus familiaris (dog) EPO – 100%
                                      Canis lupus dingo (dingo) EPO – 100%
                                      Vulpes vulpes (red fox) EPO – 99%
                                      Ailuropoda melanoleuca (giant panda) EPO – 97%
                                      Enhydra lutris kenyonii (sea otter) EPO – 97%

Country of Origin: USA

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