

Recombinant Horse Erythropoietin(EPO)

Catalog No: #AP70276

Package Size: #AP70276-1 20ug #AP70276-2 100ug #AP70276-3 1mg

Description

Product Name	Recombinant Horse Erythropoietin(EPO)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-192aaSequence Info:Full Length
Accession No.	Q867B1
Calculated MW	34.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	APPRLICDSRVLERYLEAREAENVTMGCAEGCSFGENVTPDTKVNFYSWKRMEVEQQAVEVWQGLALLSE AILQGQALLANSSQPSETLRHLHVDKAVSSLRSLTSLLRALGAQKEAISPPDAASAAPLRTFAVDTLCKLFRIYSN FLRGKCLKLYTGEACRRGDR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Erythropoietin is the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological level of circulating erythrocyte mass

References

"Nucleotide sequence of equine erythropoietin and characterization of region-specific antibodies."Sato F., Yamashita S., Kugo T., Hasegawa T., Mitsui I., Kijima-Suda I.Am. J. Vet. Res. 65:15-19(2004)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.