

Recombinant Dog Interleukin-8(IL8)

Catalog No: #AP70444

Package Size: #AP70444-1 20ug #AP70444-2 100ug #AP70444-3 1mg

Description

Product Name	Recombinant Dog Interleukin-8(IL8)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-101aaSequence Info:Full Length
Other Names	C-X-C motif chemokine hemokine (C-X-C motif) ligand 8
Accession No.	P41324
Calculated MW	36.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AVLSRVSSELRCQCIKTHSTPFHPKYIKELRVIDSGPHCENSEIIVKLFNGNEVCLDPKEKWVQKVQIFLKAE KQDP
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

IL-8 is a chotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus.

References

Borrelia burgdorferi migrates into joint capsules and causes an up-regulation of interleukin-8 in synovial membranes of dogs experimentally infected with ticks.Straubinger R.K., Straubinger A.F., Harter L., Jacobson R.H., Chang Y.-F., Summers B.A., Erb H.N., Appel M.J.Infect. Immun. 65:1273-1285(1997)Research Topic:Others

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