



Recombinant Dog Interleukin-8 (CXCL8)

Product Code CSB-EP011671DO-B

Relevance

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.

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.

Uniprot No. P41324

Alias C-X-C motif chemokine hemokine (C-X-C motif) ligand 8

Product Type Recombinant Protein

Immunogen Species Canis lupus familiaris (Dog) (Canis familiaris)

Purity Greater than 90% as determined by SDS-PAGE.

Sequence AVLSRVSSELRCQCICKTHSTPFHPKYIKELRVIDSGPHCENSEIIVKLFNGNEVC
LDPKEKWVQKVVQIFLKKAEKQDP

Research Area Others

Source E.coli

Target Names CXCL8

Expression Region 23-101aa

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Tag Info Tag type will be determined during the manufacturing process.

Protein Length Full Length of Mature Protein

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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