



# Recombinant Dog Interleukin-8 (CXCL8)

**Product Code** CSB-MP011671DO

## 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  
LDPKEKWVQKVQIFLKKAEKQDP

**Research Area** Others

**Source** Mammalian cell

**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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