



# Recombinant Guinea pig Interleukin-8 (IL8)

<b>Product Code</b>	CSB-YP011671GU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P49113
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Cavia porcellus (Guinea pig)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MVVTKLVS ELRCQCIKIH TTPFHPKFIK ELKVIESGPR CANSEIIVKL SDNRQLCLDP KKKWVQDVVS MFLKRTESQD S
<b>Source</b>	Yeast
<b>Target Names</b>	CXCL8
<b>Protein Names</b>	Recommended name: Interleukin-8 Short name= IL-8 Alternative name(s): C-X-C motif chemokine 8 Neutrophil attractant protein 1 Short name= NAP-1
<b>Expression Region</b>	23-101
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.