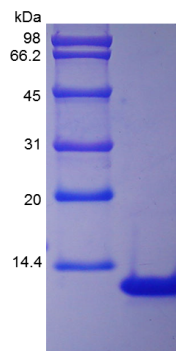


IL8

Recombinant Rhesus Macaque Interleukin-8

Catalog No.	CS485A CS485B CS485C	Quantity:	5 µg 25 µg 1 mg
Alternate Names:	C-X-C motif chemokine 8, IL-8		
Description:	Interleukin-8 (C-X-C motif chemokine 8) is coded by the interleukin 8 gene on the chromosome 5 in Rhesus macaque (<i>Macaca mulatta</i>), which is not only 94% identical to human IL-8 but also structurally and functionally similar with the human equivalent.		
Gene ID:	613028		
Source:	<i>E. coli</i>		
Molecular Weight:	Approximately 9.14 kDa (79 aa)		
Formulation:	Lyophilized from sterile-filtered solution in PBS, pH 7.4.		
Purity:	>95% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	< 1 EU/µg as determined by LAL method.		
Biological Activity:	The biological activity determined by a chemotaxis bioassay using human CXCR2 transfected murine BaF3 cells is in a concentration range of 0.5-5.0 ng/ml.		
Amino Acid Sequence:	AVLPRSAKEL RCECIKTYSK PFHPKFIKEL RVIESGPHCA NTEIIVKLSL GRELCLDPKE PWVQRVVEKF VKRAENQNP		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/ml. Further dilution should be made in appropriate buffered solutions.		
Applications:	Useful for primate models of inflammation.		
Storage & Stability:	This lyophilized preparation is stable at 2-8°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability store working aliquots at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

SDS-PAGE



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