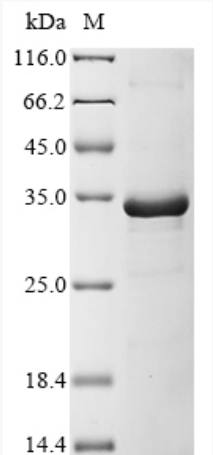


*for research use only*  
**Datasheet**

<b>Product Name</b>	Recombinant Macaca mulatta Interleukin-2(IL2)
<b>Catalog Number</b>	AAA18762
<b>Expression host</b>	<i>E.coli</i>
<b>Product Info</b>	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
<b>Buffer</b>	Lyophilized from 10 mM Tris-HCl, 1 mM EDTA, 6%Trehalose, pH 8.0. The volume before lyophilization is 1000μl/vial.
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Relevance</b>	Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells (By similarity).
<b>AA sequence</b>	APTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMPKKATELK HLQCLEEELKPLEEVLNLAQSKNFHLRDTKDLISNINVIVLELKGSETTLMCEYA DETATIVEFLNRWITFCQSIISTLT
<b>References</b>	"Comparative sequence analysis of cytokine genes from human and nonhuman primates." Villinger F.J., Brar S.S., Mayne A.E., Chikkala N., Ansari A.A. J. Immunol. 155:3946-3954(1995)

**Certificate of Analysis**

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Expression host	E.coli		
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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.		
Batch Number	03210		
Nature	Macaca mulatta IL2-(AA 21-154)-P68291-Full Length of Mature Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 °C, one week from the date of receipt	
	Long term	-20 to -80 °C, twelve months from the date of receipt	
Form	Lyophilized powder		
Date of detection	2023.05.30		
Test Items	Specifications		Results
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 35.5 kDa		Observed band size: 35 kDa

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<b>Electrophoretic parameters</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.
<b>Aseptic Processing</b>	Not done
<b>Endotoxin Level</b>	Untreated
<b>Activity</b>	Not tested
<b>Conclusion</b>	pass