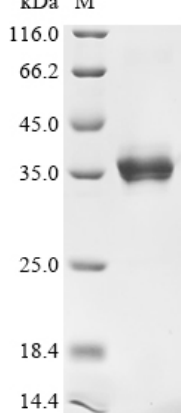


Datasheet

Product Name	Recombinant Simian virus 40 SV40 early leader protein
Catalog Number	MBS1127960
Expression host	<i>Mammalian cell</i>
Product Info	C-terminal hFc-tagged
Buffer	Lyophilized from a 0.2 μm sterile filtered PBS, 3% Trehalose, pH 7.4. The volume before lyophilization is 100μl/vial.
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Relevance	May play a role in the lytic cycle.
AA sequence	MQRPRPPRPLSYSRSSEEAFLA
References	"Translational regulation of SV40 early mRNA defines a new viral protein." Khalili K., Brady J., Khoury G. Cell 48:639-645(1987)

Certificate of Analysis

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Expression host	Mammalian cell		
Product Info	C-terminal hFc-tagged		
Buffer	Lyophilized from a 0.2 μ m sterile filtered PBS, 3% Trehalose, pH 7.4. The volume before lyophilization is 100μl/vial.		
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	DD05203k1g0		
Nature	Simian virus 40 SV40 early leader protein-(AA 1-23)-P0C6L2-Full Length		
Purification	Affinity purified using AC		
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	2022.03.24		
Test Items	Specifications		Results
Purity	≥85%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		95%
Molecular Weight	Predicted band size: 31.6 kDa		Observed band size: 35 kDa

Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	
Aseptic Processing	<p>Lyophilized protein has been sterile filtered prior to lyophilization.</p> <p>However, the lyophilization process could potentially compromise sterility and please follow the instruction below if customers need a sterile filtered protein.</p> <p>Please sterile filter reconstituted lyophilized proteins with a 0.22µm filter in a clean bench (or other sterile environment) after reconstitution.</p> <p>Customers could use it as reference.</p>	
Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass
Activity	Not tested	
Conclusion	pass	

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