



AVISCERA BIOSCIENCE

Latency-Associated Peptide (LAP) Recombinant

Product Information

Code	00033-01-100
Name	LAP (Human) Rec.
Lot No.	
Size	100 µg
Species	Human
Sequence	Leu30-Arg278
Protein ID	P01137
Gene ID	7040
MW	30 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	free
Storage	-20 °C ~ -70 °C
Reconstitution	500 µl
Application	ELISA, cell biology

Description

A DNA sequence encoding Human Latency-Associated Peptide(LAP) /Pro-TGF-beta 1 (Leu30-Arg278) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 100 µg LAP (Human) in 100 µl of PBS, Carry free.

Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human LAP /Pro-TGF-beta1 (30-278)

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30L STCKTIDMEL VKRKRIEAIR GQILSKLRLA
SPPSQGEVPP GPLPEAVLAL YNSTRDRVAG ESAEPEPEPE ADYYAKEVTR
VLMVETHNEI YDKFKQSTHS IYMFNTSEL REAVPEPVLL SRAELRLLRL
KLVKVEQHVEL YQKYSNNSWR YLSNRL LAPS DSPEWLSFDV TGVVVRQWLSR
GGEIEGFRLS AHCSCDSRDN TLQVDINGFT TGRRGDLATI HGMNRPFLLL
MATPLERAQH LQSSRHRR 278
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