

Data Sheet

NAME:	Recombinant TAT protein from SIV _{mac} clone J5
REPOSITORY REFERENCE:	ARP685
DESCRIPTION:	Recombinant TAT protein is expressed as His tag-fusion protein in E.coli using expression vector pET24 and purified using Ni-columns. Endotoxins were removed by phase separation using Triton X-114 (described by Liu et al. <i>Clinical Biochem.</i> 30. 1997, p.455)
UNIT SIZE:	100µg in 0.29 ml
PROTEIN CONCENTRATION:	0.35mg/ml (based on BCA test)
PRESENTATION:	PBS supplemented with 0.5 M NaCl
PURITY:	See Figure 1 for SDS-PAGE analysis Endotoxin Concentration <1 EU/ml (based on chromogenic LAL-assay,
STORAGE:	This product is shipped as frozen. Store at -70°C. Avoid multiple freeze-thaw cycles as product Degradation may occur.
SOURCE:	FIT Biotech Oyj Plc, Tampere, Finland.
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html in the “Acknowledgements” section. Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)

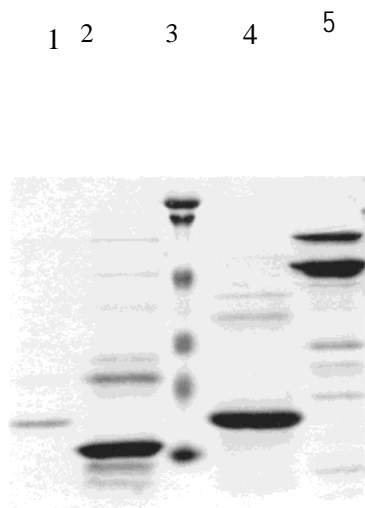


Figure I. SDS-PAGE (12%) analysis of recombinant proteins HIV-Rev (lane 1), HIV- Tat (lane 2), SIV-Tat (lane 4) and SIV-RT (lane 5). Lane 3 has prestained molecular weight markers (kDa): 119,79,46,31,24 and 19.

The amount of proteins (J.lg) loaded onto each lane:

- HIV-Rev 0.4
- HIV-Tat 1.9
- SIV -Tat 2.5
- SIV -RT 2.25

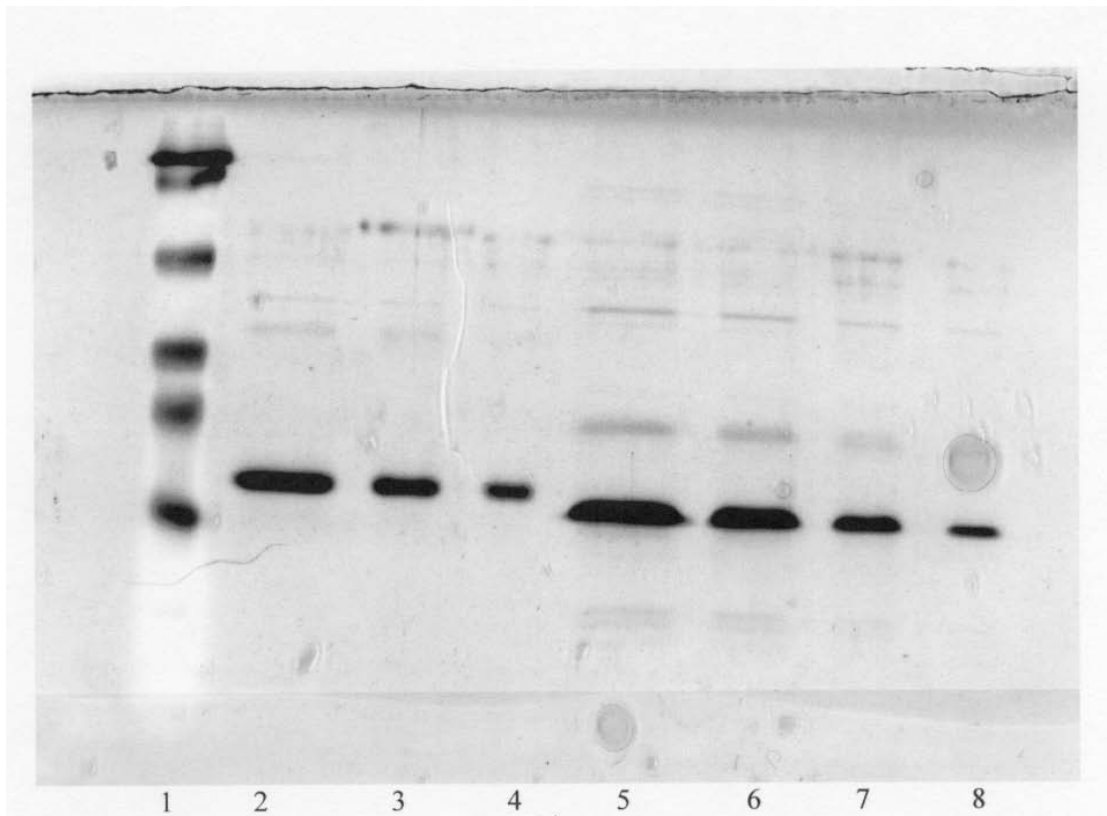


Figure 1.
SDS-PAGE (15%) analysis of SIV-Tat and SIV-Rev proteins.

Lanes 2-4 , SIV-Tat, amounts loaded: 1 μg (lane 2), 0.5 μg (lane 3), 0.25 μg (lane 4)

Lanes 5-8 (SIV-Rev),

the following amounts are loaded: 1.5 μg (lane 5), 1 μg (lane 6), 0.5 μg (lane 7)
and 0.25 μg (lane 8)

Molecular weight marker proteins are on lane 1 (kDa 119, 79, 46, 31, 24 and 19)