

Centre for AIDS Reagents

Data Sheet

PRODUCT NAME	MPB70 recombinant protein (Recombinant MPB70 protein of <i>Mycobacterium bovis</i> with N-terminal his-tag and thrombin cleavage site)
REPOSITORY REFERENCE	#100769 (Lionex Cat# LRP-0007)
DESCRIPTION	Recombinant protein
EXPRESSION SYSTEM	The recombinant protein with additional N-terminal his-tag and thrombin cleavage site was expressed in <i>E. coli</i> .
PRESENTATION	Liquid 0.5ug/uL in PBS pH7.4
BATCH NUMBER	1389
ADDITIVES	No additives added
CHARACTERISATION	<u>Western blot</u> Positive with monoclonal antibody against his-tag; neglectable reaction with anti- <i>E. coli</i> antibody. <u>ESI-MS, and N-terminal sequencing</u> ESI-MS identified protein of a molecular mass of 18466 (theoretical: 18469.5) confirming the presence of the expected recombinant protein lacking the signal sequence (as found by N-terminal sequence analysis, too). <u>Endotoxin content</u> The endotoxin content (Limulus Amebocyte Lysate assay) is 43.96 I.U./mg.
PURIFICATION	> 95 % (SDS-PAGE/Densitometry)
STORAGE	Store below -20 °C
CONTRIBUTOR	Lionex GmbH, Braunschweig, Germany

ACKNOWLEDGEMENTS:

Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The *Name of Reagent (Repository Number)* was obtained from the Centre for AIDS Reagents, NIBSC, UK, supported by EURIPRED (EC FP7 INFRASTRUCTURES-2012 - INFRA-2012-1.1.5.: Grant Number 31266). www.euripred.eu/