

Acknowledgement

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(ANJUM MAHMOOD)

ABBREVIATIONS

[θ]	Mean residue ellipticity
BCG	Bacille Calmette-Guérin
°C	Degree centigrade
CD	Circular dichroism
CFP-10	10 kDa Culture filtrate protein
EDTA	Ethylene diamine tetraacetic acid
ESAT-6	6 kDa Early secretory antigenic target
ΔG	Change in Free Energy
ΔH	Change in enthalpy
h	hour
ITC	Isothermal titration calorimetry
IPTG	Isopropyl β -D-thiogalactoside
kb	Kilo base
K_B	Binding constant
kDa	Kilo Dalton
LB Media	Luria Bertani Media
M	Molar
ml	Milli liter
mg	Milli gram
NMR	Nuclear magnetic resonance
OD	Optical Density
PAGE	Polyacrylamide Gel Electrophoresis
PBMC	Peripheral blood mononuclear cells
PCR	Polymerase chain reaction

pH	Negative log of Hydrogen ion concentration
PPD	Purified protein derivative
RD	Region of difference or deletion
ΔS	Change in entropy
SDS	Sodium dodecyl sulphate
TB	Tuberculosis
T_m	Mid point of thermal denaturation
μg	Micro gram
μl	Micro liter